

The materials contained herein are provided "AS IS" and may contain inaccuracies. User is warned to utilize the materials herein at User's own risk and to verify the materials' accuracy independently and ASSUMES THE RISK OF ANY AND ALL LOSS.

Plot Date
06 Sep 2018

B	D
A	C

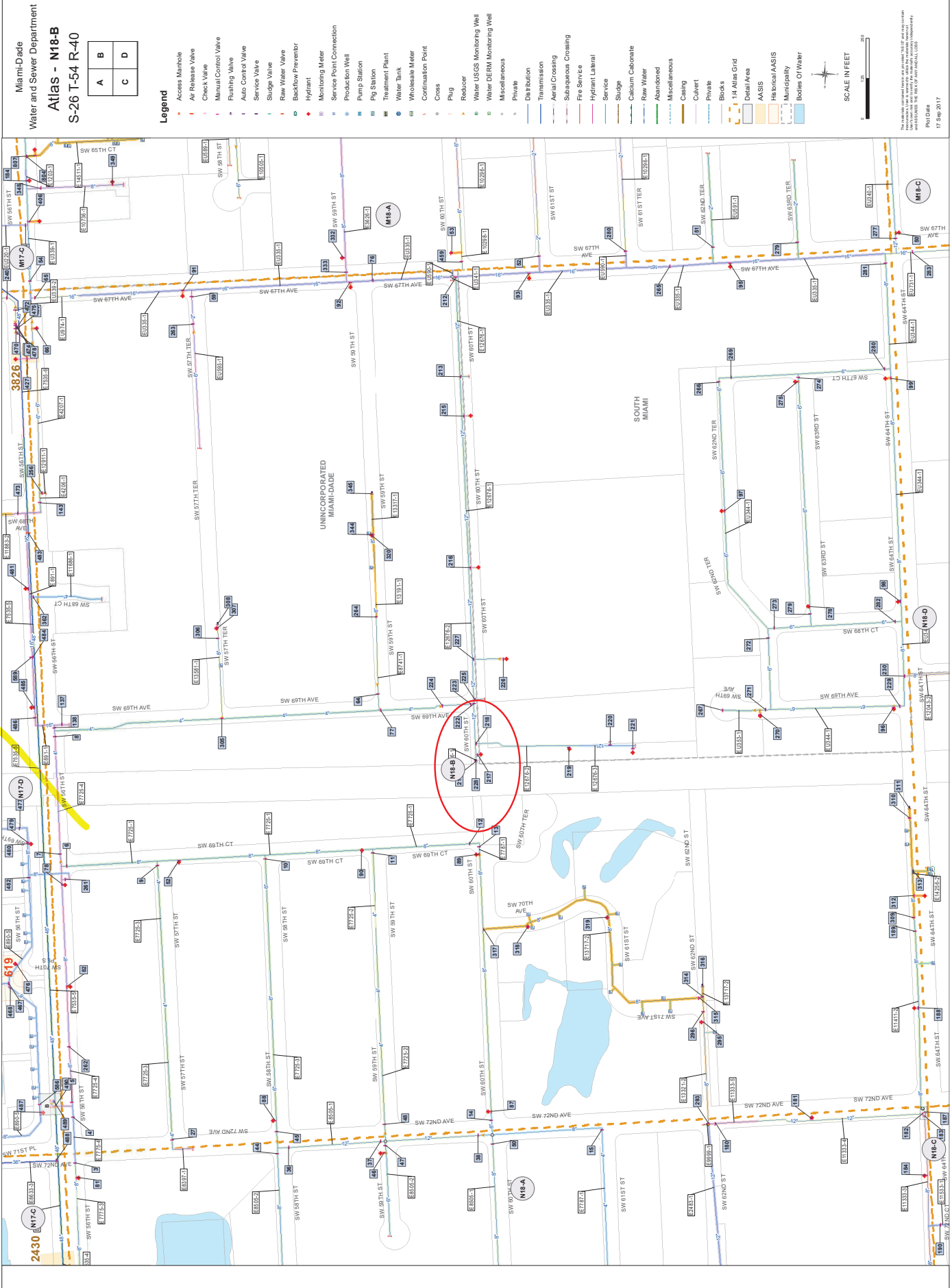
Access Manhole	Ar Release Valve	Check Valve	Manual Control Valve	Flushing Valve	Auto Control Valve	Service Valve	Sludge Valve	Raw Water Valve	Backflow Prevention	Hydrant	Monitoring Meter	Service Point Control	Production Meter	Pump Station	Pig Station	Treatment Plant	Water Tank	Wholesale Meter	Continuation Point	Cross	Clog	Reducer	Water Sampling	Water USGS Monitor	Water DERM Monitor	Miscellaneous	Private	Distribution	Transmission	Aerial Crossing	Subaqueous Crossing	Fire Service	Hydrant Lateral	Service	Sludge	Calcium Carbonate	Raw Water	Abandoned	Miscellaneous	Casing	Valve	Private	Blocks	14 Alias Grid	Detail Area	ASIS	HydroCAD/ASIS	Municipality	Bodies of Water
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Plot Date
06 Sep 2018

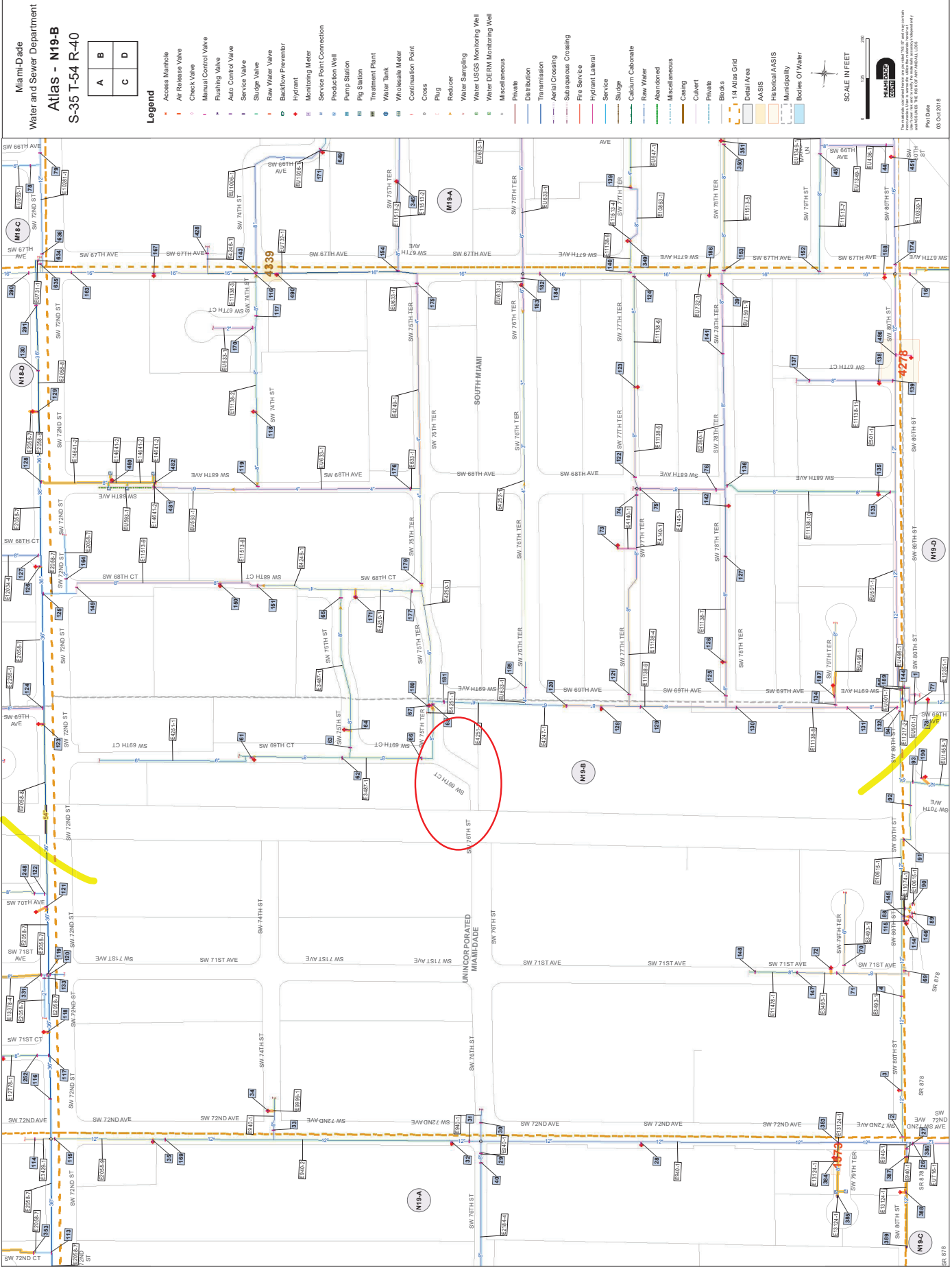
As-Built is displayed using unique colors and single label boxes per contiguous pipe segment. They are displayed underneath the pipe segment using a thicker line symbol than the pipe segment it describes.



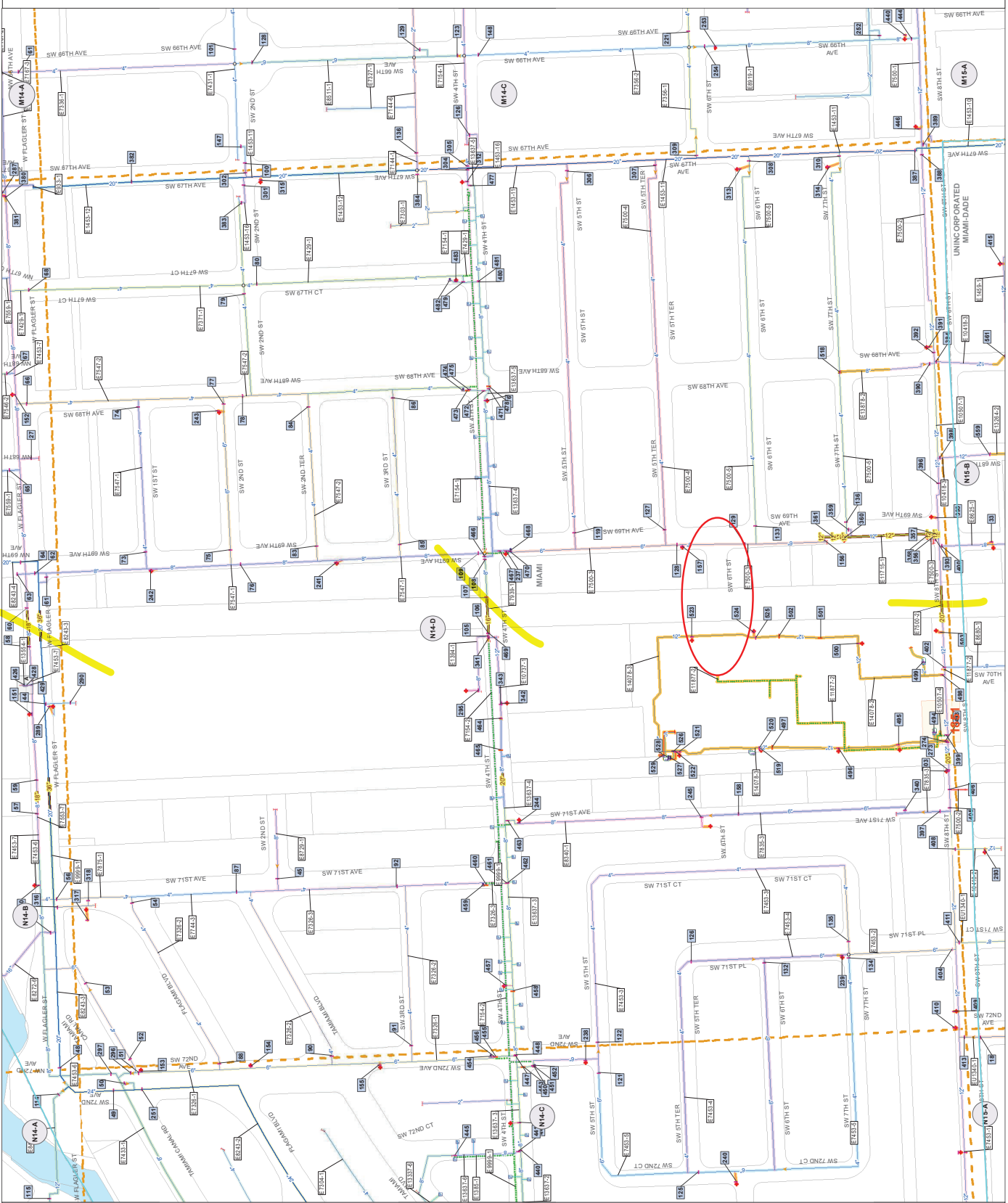
Water Valve & Distribution



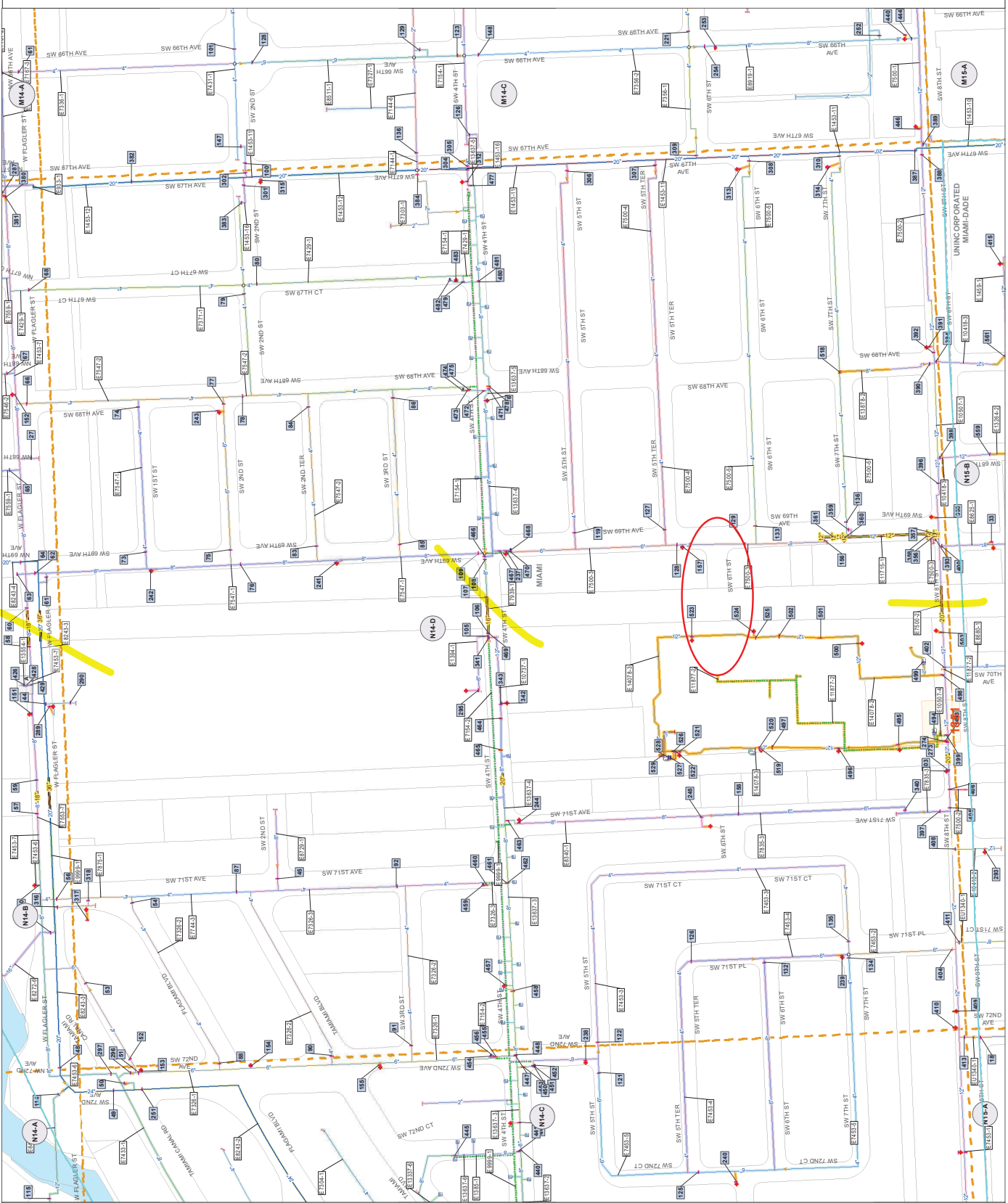
Water Valve & Distribution



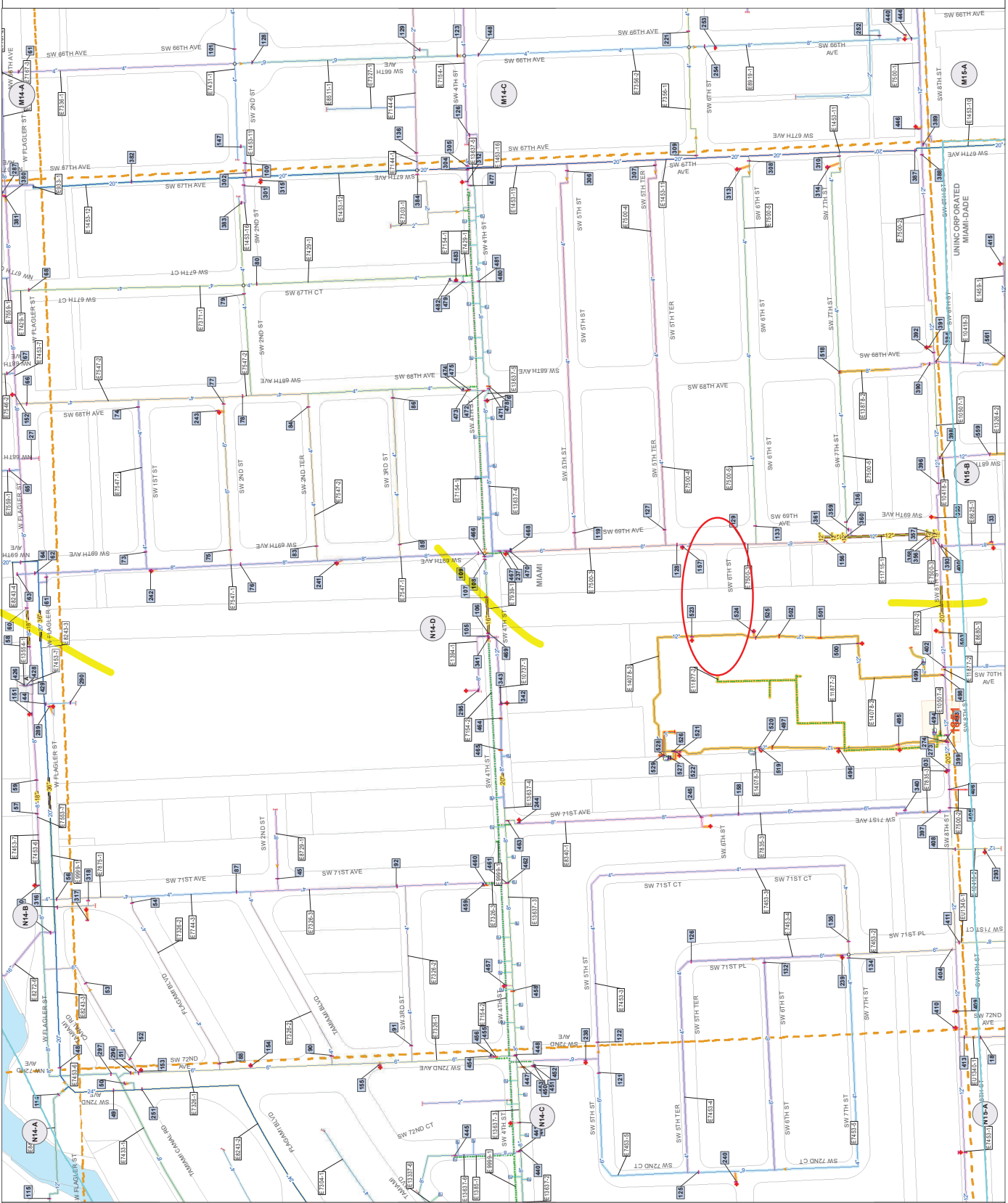
Water Valve & Distribution



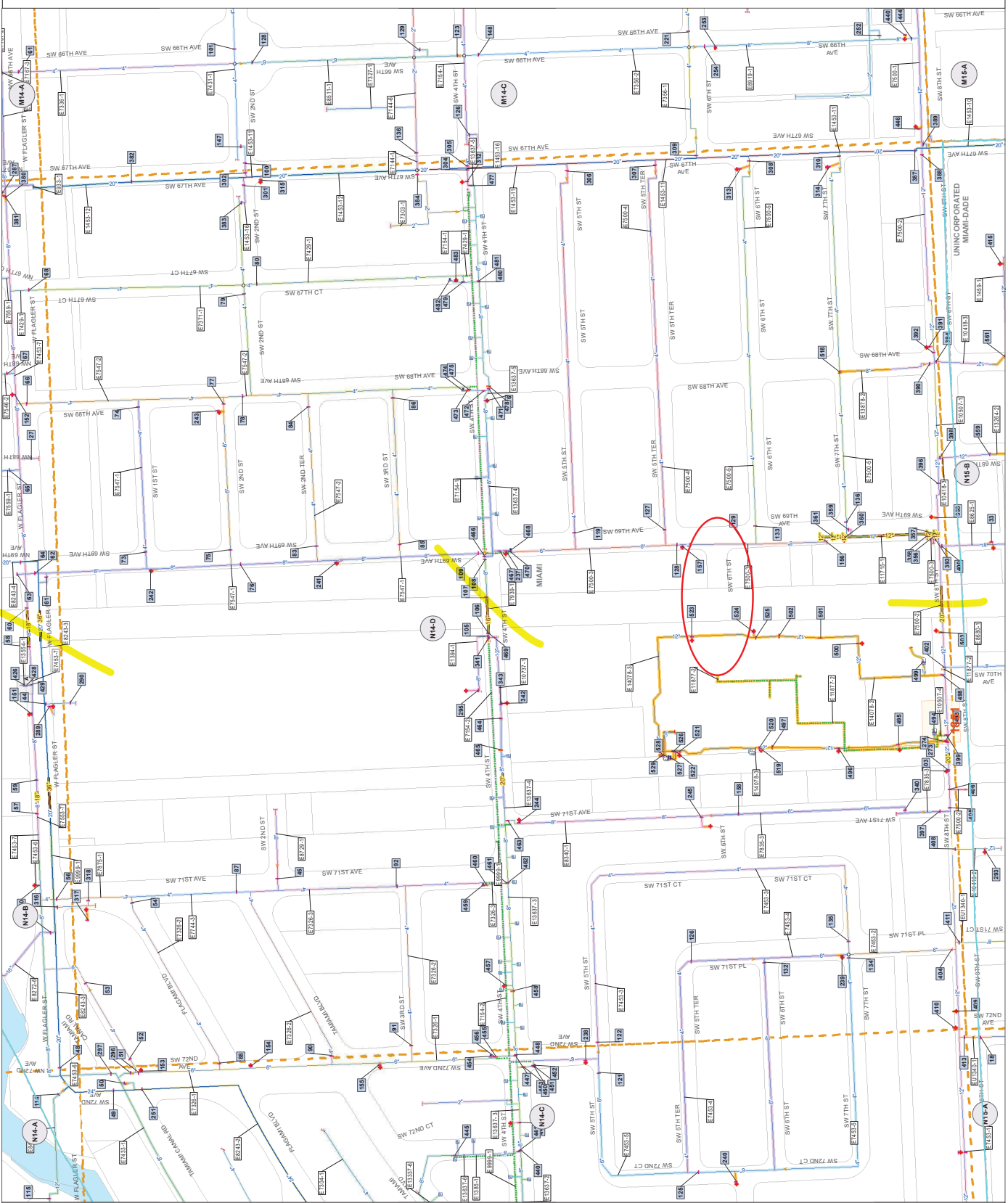
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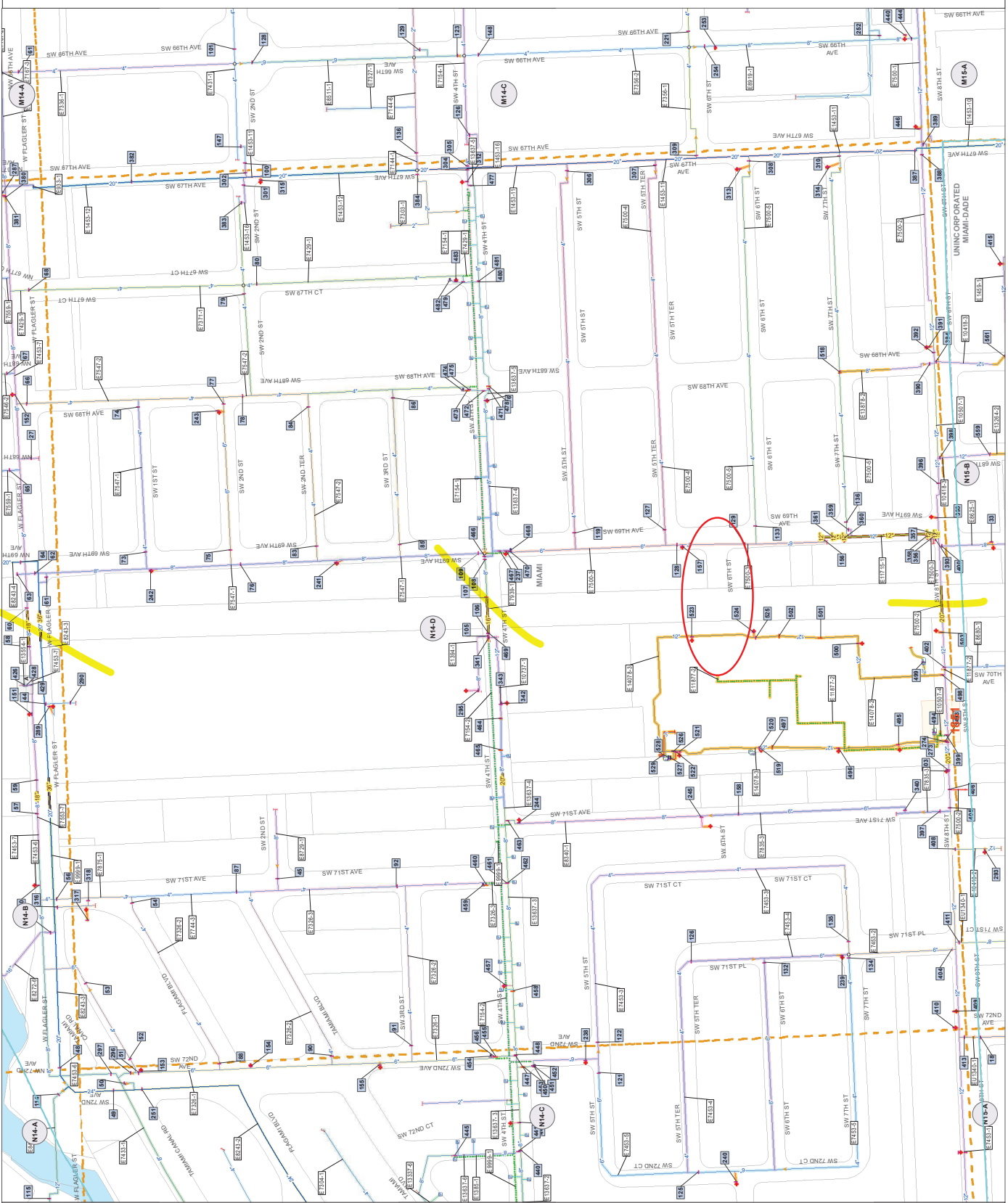
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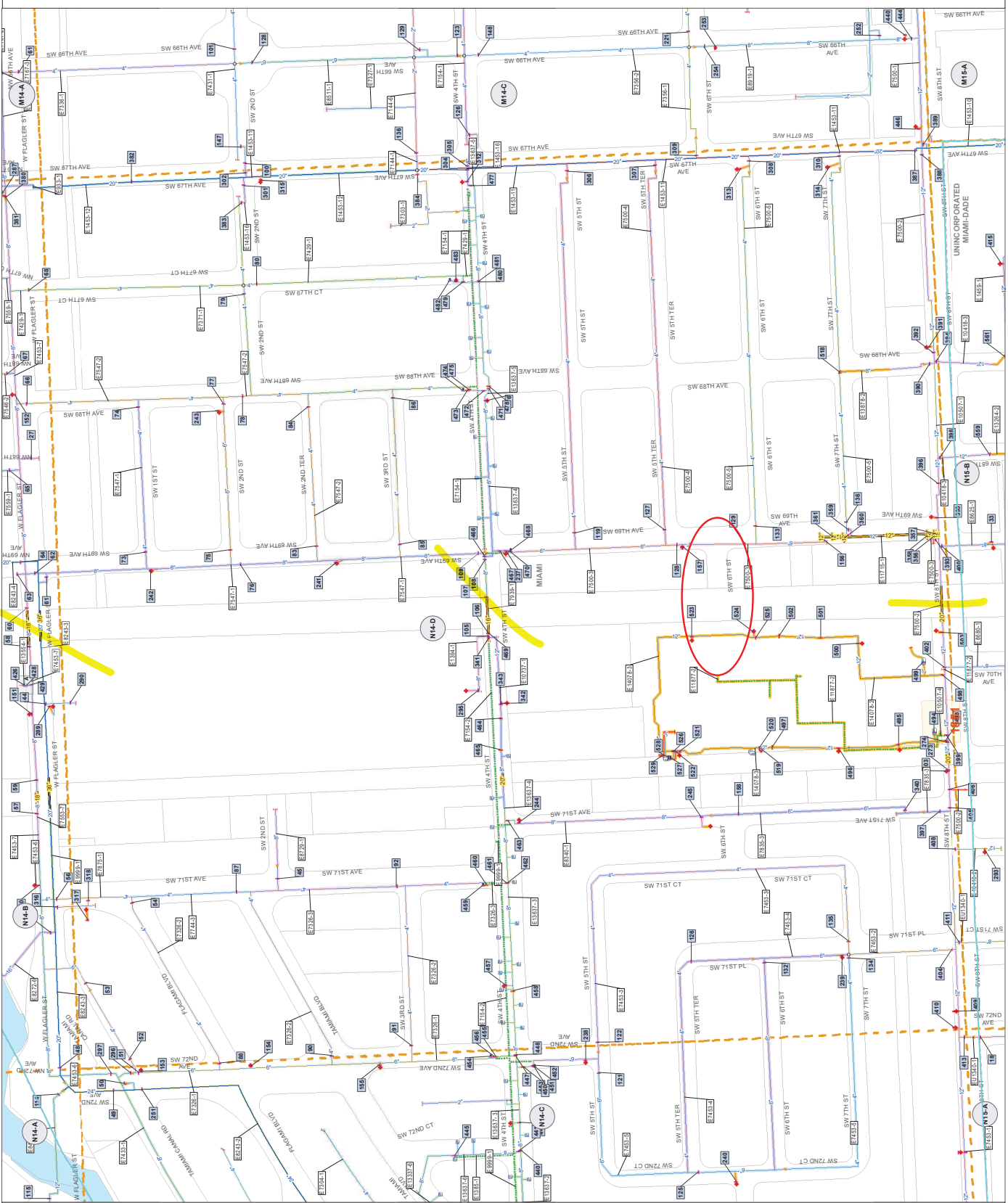
Water Valve & Distribution



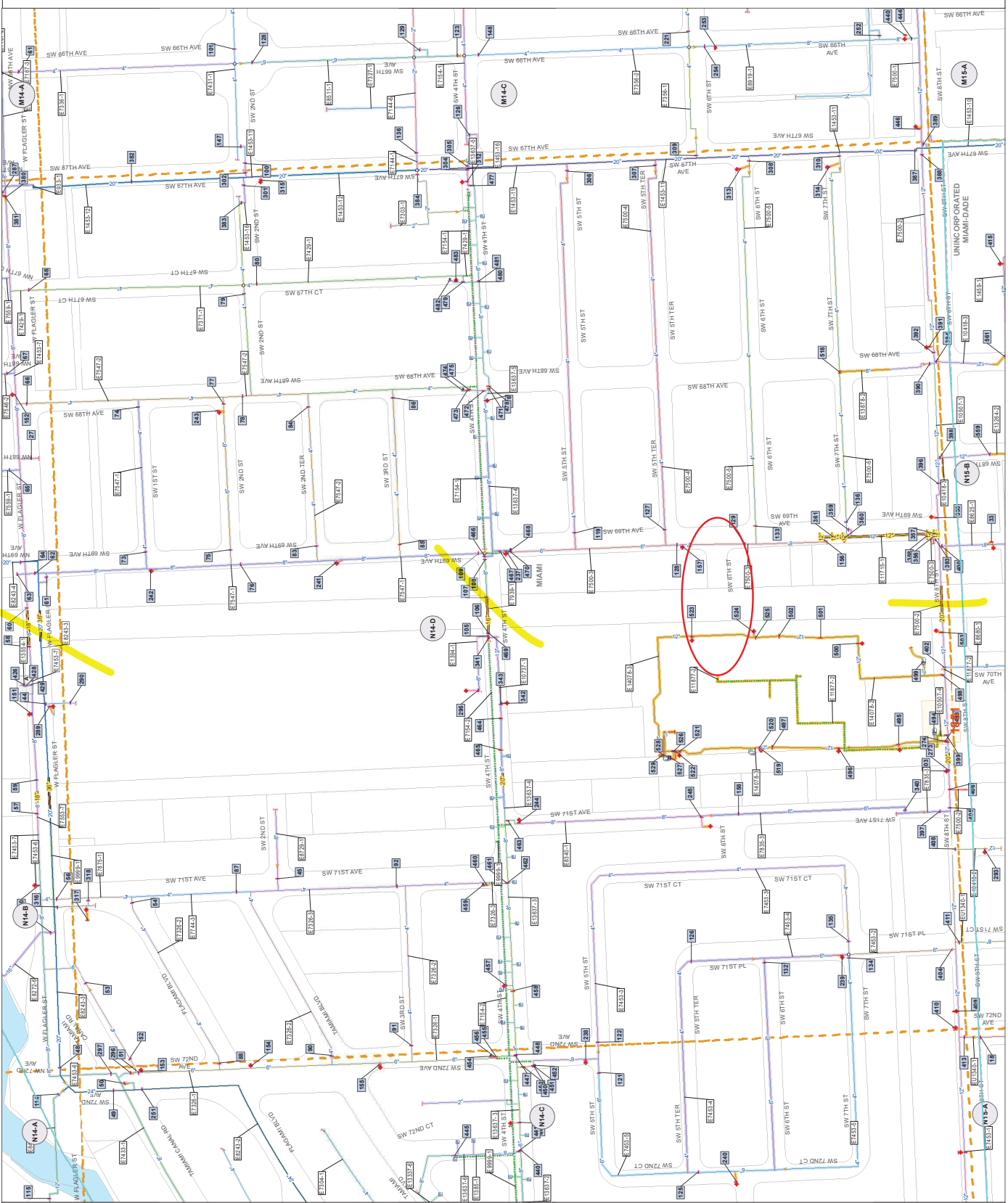
Water Valve & Distribution



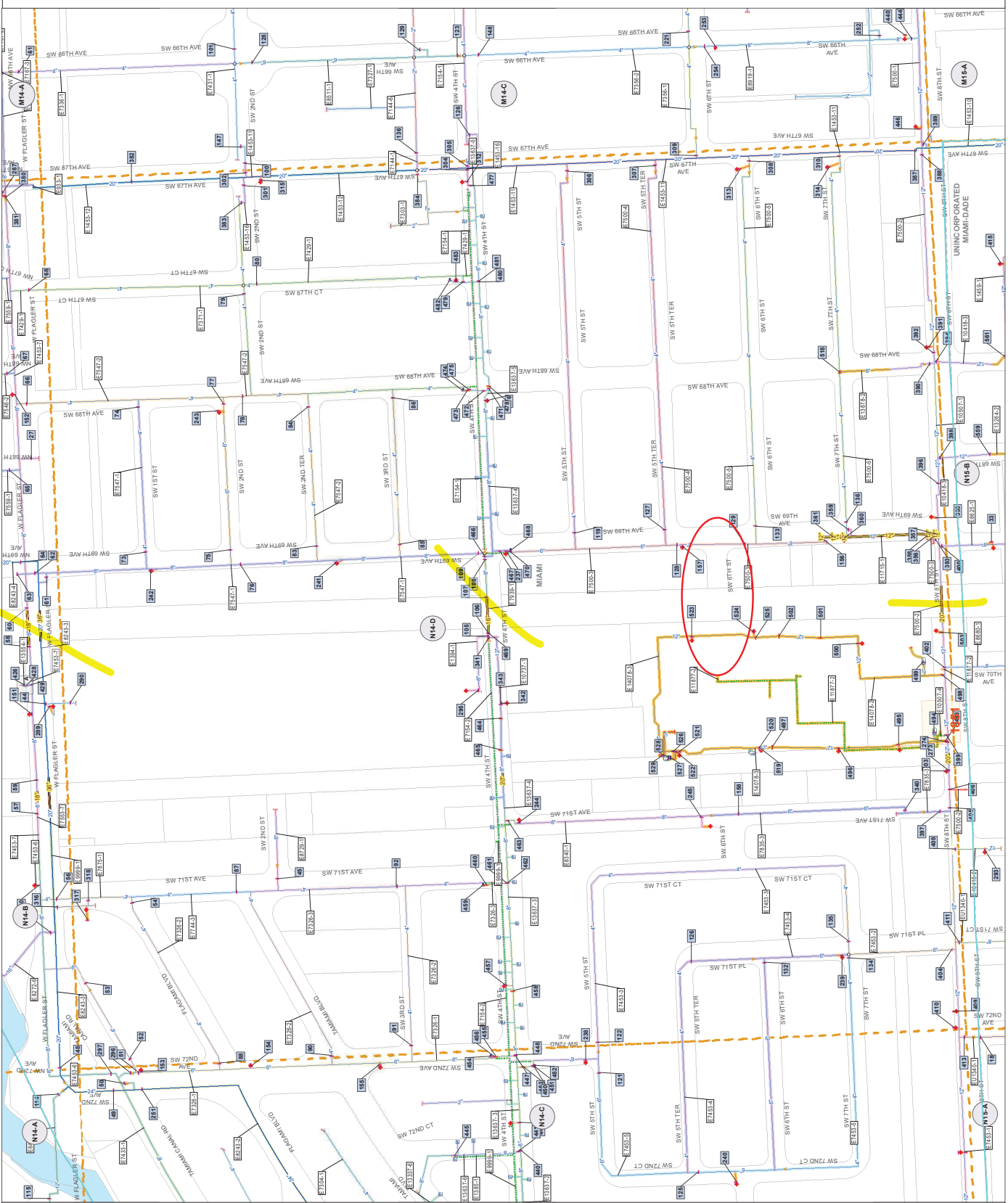
Water Valve & Distribution



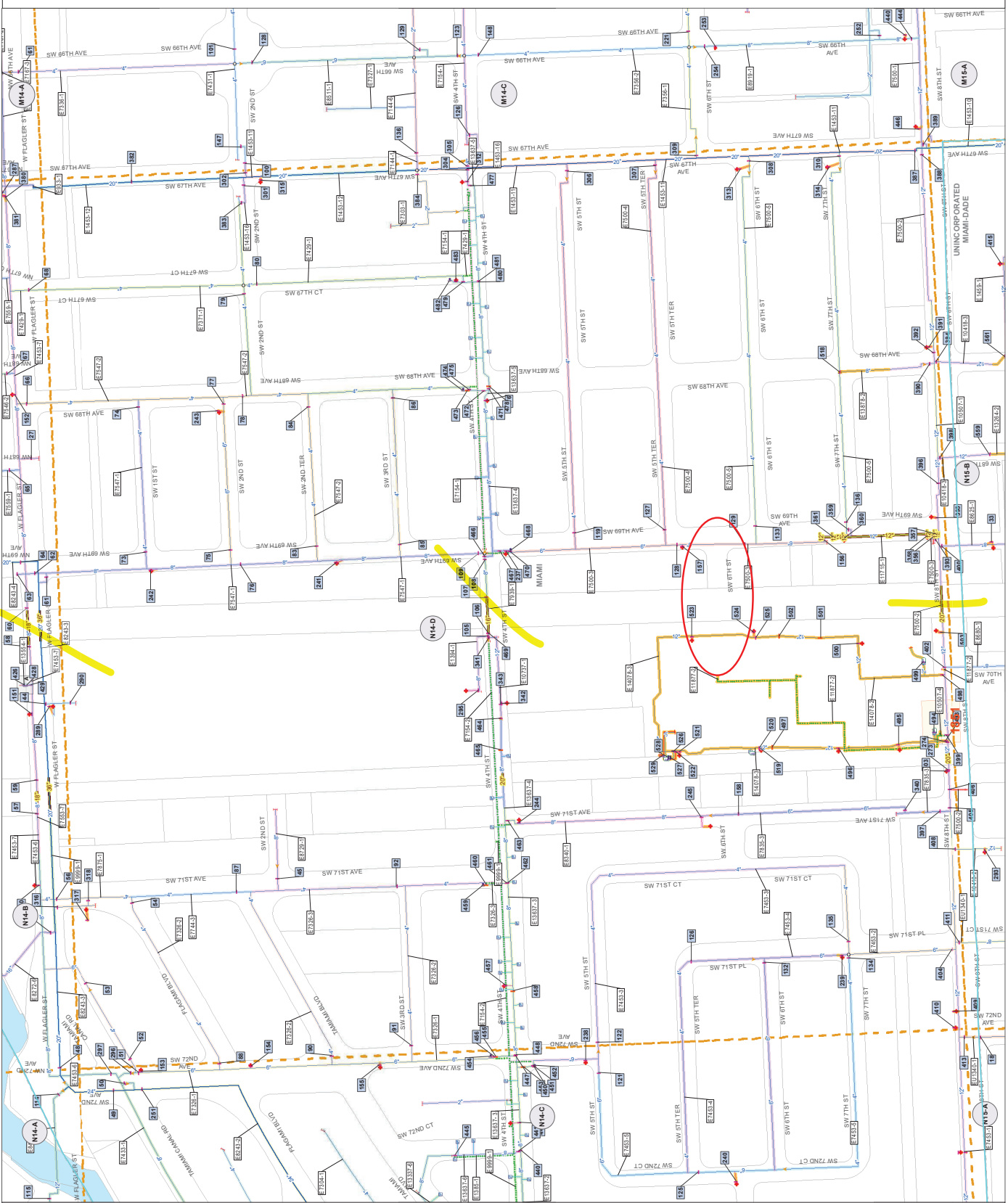
Water Valve & Distribution



Water Valve & Distribution



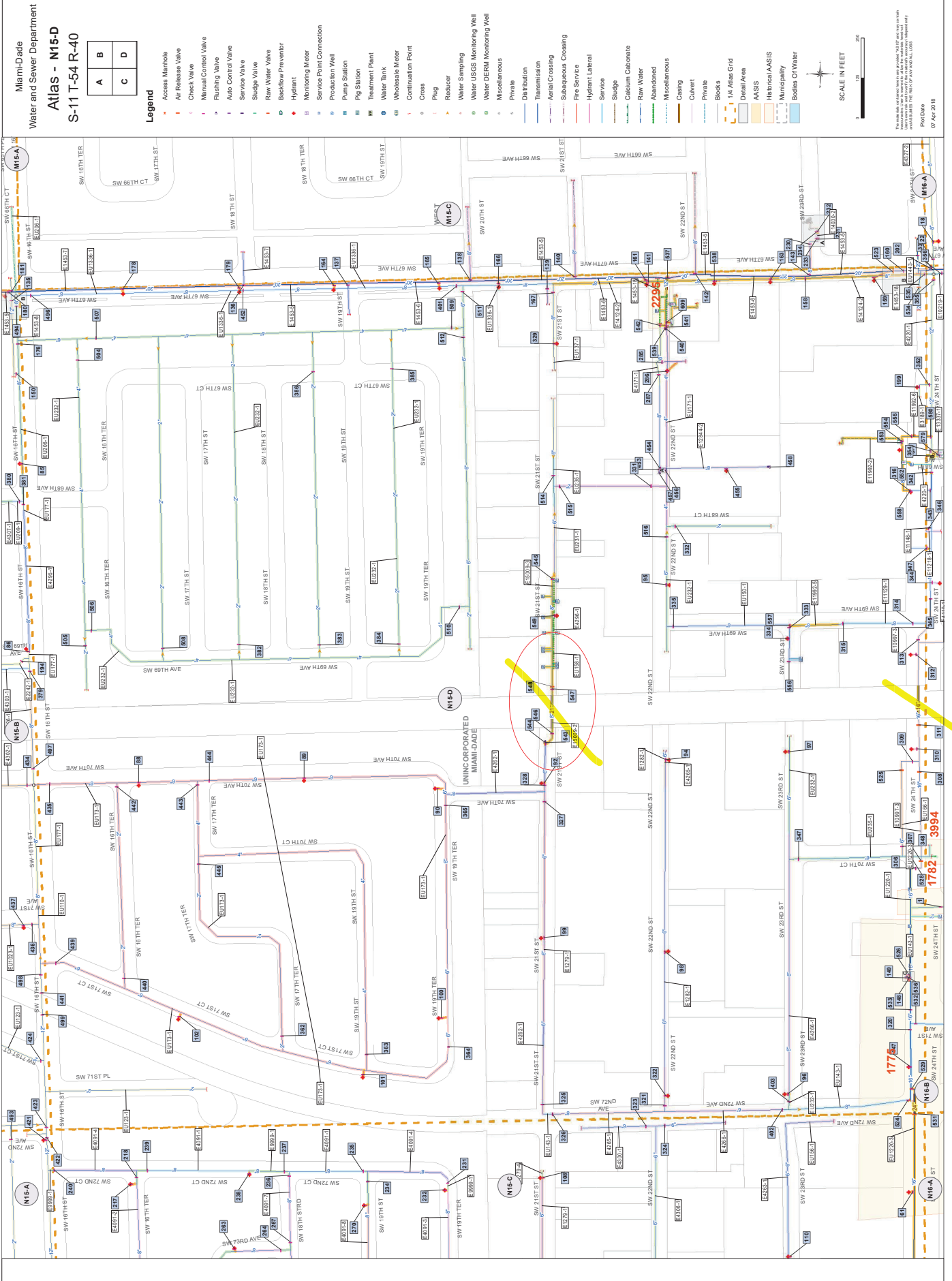
Water Valve & Distribution



As-Built is displayed using unique colors and single label boxes per contiguous pipe segment. They are displayed underneath the pipe segment using a thicker line symbol than the pipe segment it describes.

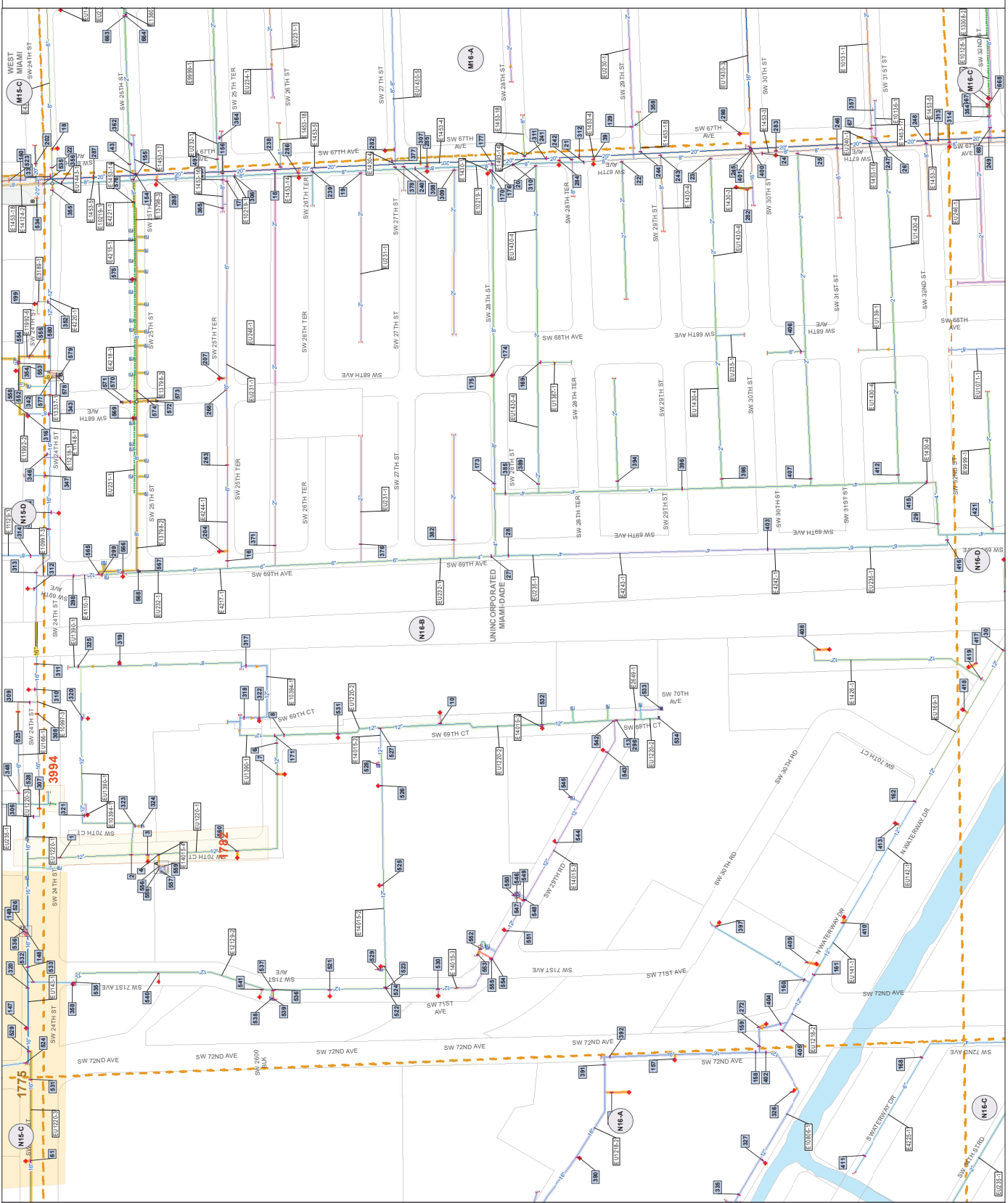


Water Valve & Distribution



As shown on the map, the water valve and single hydrant are located on the right side of the street. The water valve is located on the right side of the street, and the single hydrant is located on the left side of the street. The water valve is located on the right side of the street, and the single hydrant is located on the left side of the street. The water valve is located on the right side of the street, and the single hydrant is located on the left side of the street.

Water Valve & Distribution



A	B
C	D

- Legend**
- Access Manhole
 - Air Release Valve
 - Check Valve
 - Manual Control Valve
 - Flushing Valve
 - Auto Control Valve
 - Service Valve
 - Sludge Valve
 - Raw Water Valve
 - Backflow Preventor
 - Hydrant
 - Monitoring Meter
 - Service Point Connection
 - Production Well
 - Pump Station
 - Pig Station
 - Treatment Plant
 - Water Tank
 - Water Meter
 - Continuation Point
 - Cross
 - Plug
 - Reducer
 - Water USGS Monitoring Well
 - Water USGS Monitoring Well
 - Miscellaneous
 - Private
 - Distribution
 - Transmission
 - Aerial Crossing
 - Subaqueous Crossing
 - Fire Service
 - Hydrant Lateral
 - Service
 - Sludge
 - Calcium Carbonate
 - Raw Water
 - Abandoned
 - Miscellaneous
 - Casing
 - Culvert
 - Private
 - Blocks
 - 14 Atlas Grid
 - Detail Area
 - AASIS
 - Historical AASIS
 - Municipality
 - Bodies Of Water

SCALE IN FEET
0 100 200
11 Mar 2018

This map is for informational purposes only and should not be used for engineering or construction purposes. The map is not a legal document and should not be used for legal purposes. The map is not a legal document and should not be used for legal purposes.

Appendix D

Service Point Location Information

Appendix D – Service Point Information from:

FPL Distribution

Denty, Grant

From: Giraldo, John <John.Giraldo@fpl.com>
Sent: Thursday, November 5, 2020 5:46 PM
To: Denty, Grant
Subject: [EXTERNAL] RE: Ludlam Corridor - FPL New Service Connections (Trail Fountains)
Attachments: 7093-1.pdf; FPL Dsbn LETTER OF TRANSMITTAL Ludlam Trail Project 11_5_2020-signed.pdf; FPL Form 360 Ludlam Trail Proj403502-15-001-14470619-signed.pdf; FPL Preliminary Review Ludlam Trail Project-signed.pdf; MEPP724 - SW 80th St.pdf; MEPP1257.pdf; Ref Drwgs.pdf; 8PG15201.pdf; 10 Fountain_Locations-11_5_2020.pdf; 2706.pdf; 5119-1.pdf

Good afternoon Grant,

See attached files for FPL Distribution markup.

We did not identify conflicts with distribution facilities OH or UG within the project boundaries at this time. Attached are the closest service points where FPL has existing facilities (120V Transformers).

In addition, attached you will find:

- 360 Form
- Preliminary Review letter
- Letter of transmittal
- Record Drawings.

Please do not hesitate to ask if you have any questions.

Best regards,

John Giraldo
FPL Relocation Coordinator
Agency Relocation Projects
Distribution Engineering
Office: 305-442-5172
Cell: 305-798-8914

Enjoy the little things, for one day you may look back and realize they were the big things.
By Robert Brault



From: Denty, Grant <grant.denty@aecom.com>
Sent: Friday, October 30, 2020 3:16 PM
To: Giraldo, John <John.Giraldo@fpl.com>
Subject: FW: Ludlam Corridor - FPL New Service Connections (Trail Fountains)

Project Description: Project Development and Environment (PD&E) Study
Ludlam Trail Corridor from SW 80th Street to NW 7th Street
Project Number: 403502-15-001-14470619
ETDM Number: 14369
County: Miami-Dade

Mr. John Giraldo,

My name is Grant Denty with AECOM, as part of an ongoing utility research for the Ludlam Trail Corridor Project from SW 80th Street to NW 7th Street in Miami Dade County, I am trying to determine if you would still be the primary contact for FPL Distribution on this project?

The design team is proposing to install 10 new water fountains along the trail way for pedestrian use. I am requesting your assistance in determining if there are FPL facilities within proximity to the proposed fountain locations that would provide 120v power to these new service points? My thoughts are this would also include some type of transformer and connections as well.

Please let our team know if you would be able to review this information or if I would need to contact a new service representative with FPL. We appreciate your assistance in furthering the development of this project.

Regards,

Grant Denty
Utility Coordinator
M +1-407-756-5725
grant.denty@aecom.com

AECOM
110 East Broward Boulevard
Suite 700
Fort Lauderdale, FL 33301
aecom.com

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Distribution Engineering Dept., 4200 W. Flagler Street, Miami, Florida 33134
Office: (305) 442-5172 Fax: (305) 442-5886

January 22, 2019

Grant Denty

RE: Ludlam Trail Project
Ludlam Trail from SW 80 St to NW 7 St
Preliminary Plans Review

Dear Grant:

FPL has reviewed the plans and provided "as built" with the approximate locations of our Distribution facilities within the area of this project; when incorporating these facilities to your design please refer to your Land Survey services and to the attached FPL record drawings (see attached transmittal letter). The attached drawings show the approximate locations of Florida Power and Light Company facilities involved. Please request construction personnel to call 1-800 432-4770 for locations of Florida Power & Light Company underground facilities before digging. Please be advised you must comply with the Florida Underground Facilities Damage Prevention and Safety Act, OSHA Standards (1926.651), Florida Trench and Safety Act (Chapter 90-96) and any local ordinances that may be in effect. FPL requests all electrical facilities to be shown on all plans sheet.

We did not identify potential conflicts with distribution overhead or underground 13kV lines along the Ludlam Trail from SW 80 St to NW 7 St.

FPL has marked the closest locations for the 10 service points for the water fountains requested.

At preliminary field check, it appears FPL does have Transmission facilities within the boundaries of this project. Please contact Mr. Michael Foley - Transmission Department - at (561) 904-3640 for further details and his review.

Please be advised FPL will install, if needed, the necessary "Riser" for Traffic Signals and Street Light Systems at a charge of \$148.00 each to the County Contractor. FPL will tap at County's handhole at the base of pole. Dade County's and FPL's policy is to secure an electrical inspection prior to energizing the new electrical service.

Please keep in mind: the actual Overhead Distribution conductors extend from the pole on either crossarms or insulators; OSHA requires a 10 foot of working clearance from energized Distribution lines to construction equipment (cranes); NESC horizontal

clearance from Distribution energized lines to mast arms is 5 feet. Please consider these standards when designing and locating the mast arm poles and foundation.

As a safety concern, please add to your plans the statement: "Construction shall notify FPL at least 48 hours prior to any installation that is within 10 feet of energized electrical conductors. FPL at its option shall assist the MDC Contractor at installation site in taking safety precautions as necessary. Extreme caution shall be exercised at all times in performance of work around the high voltage components".

All requests for electric service points will need to be metered, including street lighting and traffic signals.

Thank you for your cooperation, and should you have any questions, please call me at (305) 442-5172.

Sincerely,

John F Giraldo

John Giraldo
FPL Dade County Relocation Coordinator



NOTIFICATION OF FPL FACILITIES

Customer/Agency Grant Denty
 Developer/Contractor Name TBD
 Location of Project Ludlam Trail from SW 80 St to NW 7 St
 FPL Representative John Giraldo
 Developer/Contractor Representative TBD

Date of Meeting/Contact: 11-5-2020
 Project Number/Name: 403502-15-001-14470619
 City: Miami
 Phone: 305-442-5172
 FPL Work Request #/Work Order #: n/a

FPL calls your attention to the fact that there may be energized, high voltage electric lines, both overhead and underground, located in the area of this project. It is imperative that you visually survey the area and that you also take the necessary steps to identify all overhead and underground facilities prior to commencing construction to determine whether the construction of any proposed improvements will bring any person, tool, machinery, equipment or object closer to FPL's power lines than the OSHA-prescribed limits. If it will, you must either re-design your project to allow it to be built safely given the pre-existing power line location, or make arrangements with FPL to either deenergize and ground our facilities, or relocate them, possibly at your expense. **You must do this before allowing any construction near the power lines.** It is impossible for FPL to know or predict whether or not the contractors or subcontractors, and their employees, will operate or use cranes, digging apparatus or other mobile equipment, or handle materials or tools, in dangerous proximity to such power lines during the course of construction, and, if so, when and where. Therefore, if it becomes necessary for any contractor or subcontractor, or their employees, to operate or handle cranes, digging apparatus, draglines, mobile equipment, or any other equipment, tools or materials in such a manner that they might come closer to underground or overhead power lines than is permitted by local, state or federal regulations, you and any such contractor or subcontractor must notify FPL in writing of such planned operation prior to the commencement thereof and make all necessary arrangements with FPL in order to carry out the work in a safe manner. **Any work in the vicinity of the electric lines should be suspended until these arrangements are finalized and implemented.**

The National Electrical Safety Code ("NESC") prescribes minimum clearances that must be maintained. If you build your structure so that those clearances cannot be maintained, you may be required to compensate FPL for the relocation of our facilities to comply with those clearances. As such, you should contact FPL prior to commencing construction near pre-existing underground or overhead power lines to make sure that your proposed improvement does not impinge upon the NESC clearances.

It is your responsibility and the responsibility of your contractors and subcontractors on this project to diligently fulfill the following obligations:

1. Make absolutely certain that all persons responsible for operating or handling cranes, digging apparatus, draglines, mobile equipment or any equipment, tool, or material capable of contacting a power line, are in compliance with all applicable state and federal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while performing their work.
2. Make sure that all cranes, digging apparatus, draglines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warning signs required by U.S. Department of Labor OSHA Regulations.
3. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions):

<u>*Power Line Voltages</u>	<u>**Personnel and Equipment</u> (29 CFR 1910.333 and 1926.600)	<u>Cranes and Derricks</u> (29 CFR 1926.1407, 1408)	<u>Travel under or near Power Lines (on construction sites, no load)</u>	
			<u>(29 CFR 1926.600 – Equipment)</u>	<u>(1926.1411 – Cranes and Derricks)</u>
0 - 750 volts	10 Feet	10 Feet	4 Feet	4 Feet
751 - 50,000 volts	10 Feet	10 Feet	4 Feet	6 Feet
69,000 volts	11 Feet	15 Feet	10 Feet	10 Feet
115,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
138,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
230,000 volts	16 Feet	20 Feet	10 Feet	10 Feet
500,000 volts	25 Feet	25 Feet	16 Feet	16 Feet

***When uncertain of the voltage, maintain a distance of 20 feet for voltages up to 350,000 volts and 50 feet for voltages greater than 350,000 volts.**

****For personnel approaching insulated secondary conductors less than 750 volts, avoid contact (Maintain 10 Feet to bare energized conductors less than 750 volts). For qualified personnel and insulated aerial lift equipment meeting requirements of 29 CFR 1910.333, distances may be reduced to those shown in 29 CFR 1910.333 Table S-5.**

4. All excavators are required to contact the Sunshine State One Call of Florida, phone number 1-800-432-4770 or 811 a minimum of two working days (excluding weekends) in advance of commencement of excavation to ensure facilities are located accurately.
5. Conduct all locations and excavations in accordance with the Florida Statute 556 of the Underground Facilities Damage Prevention & Safety Act and all local city and county ordinances that may apply.
6. When an excavation is to take place within a tolerance zone, an excavator shall use increased caution to protect underground facilities. The protection requires hand digging, pot holing, soft digging, vacuum methods, or similar procedures to identify underground facilities.

A copy of this notification must be provided by you to each contractor and subcontractor on this project, to be shared with their supervision and employees prior to commencing work on this project.

email submittal

Means by which this notification was provided to customer and/or contractor

John F Giraldo

FPL Representative Signature

Customer/Developer/Contractor Representative Signature

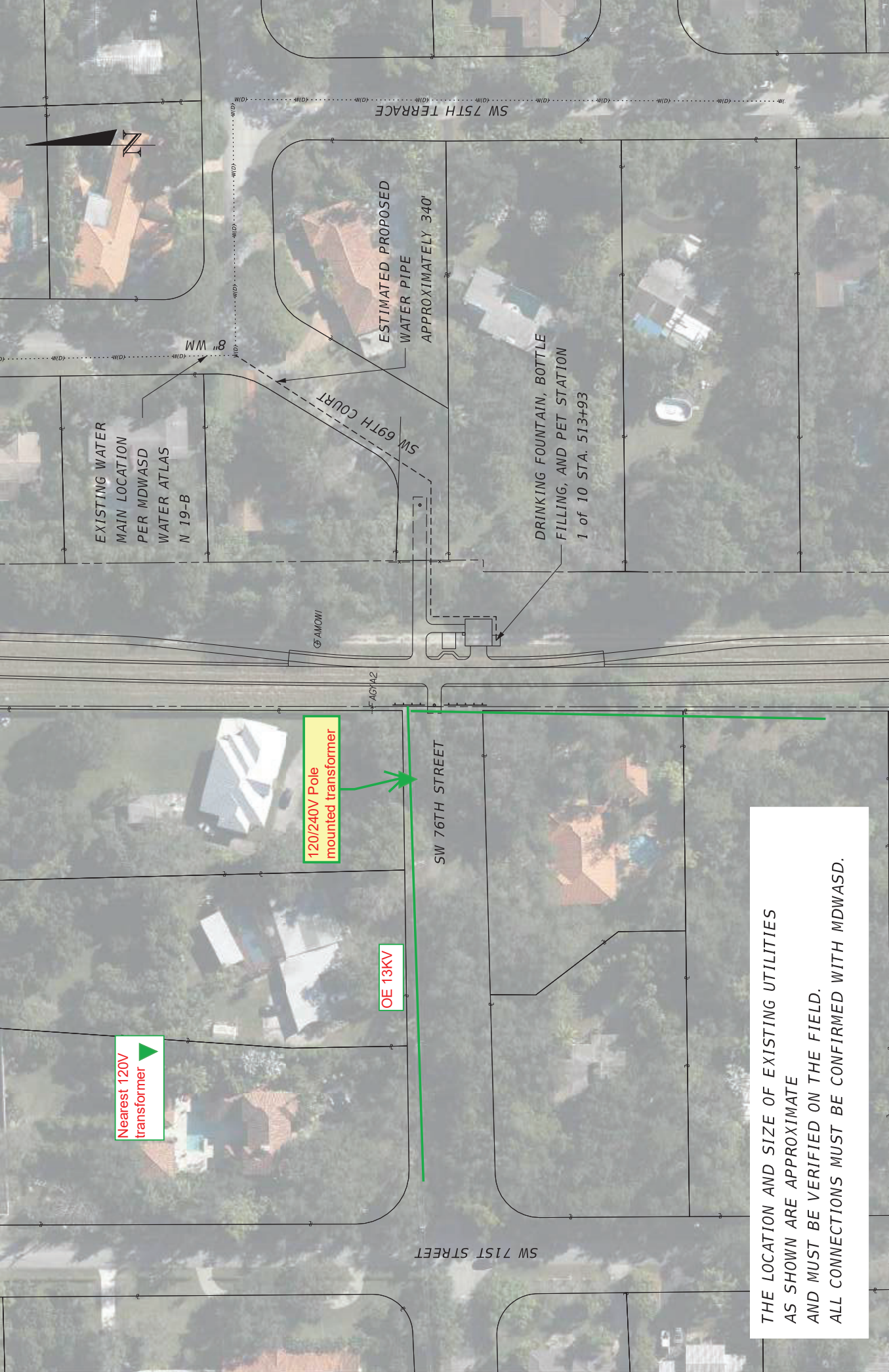
john.giraldo@fpl.com

Address

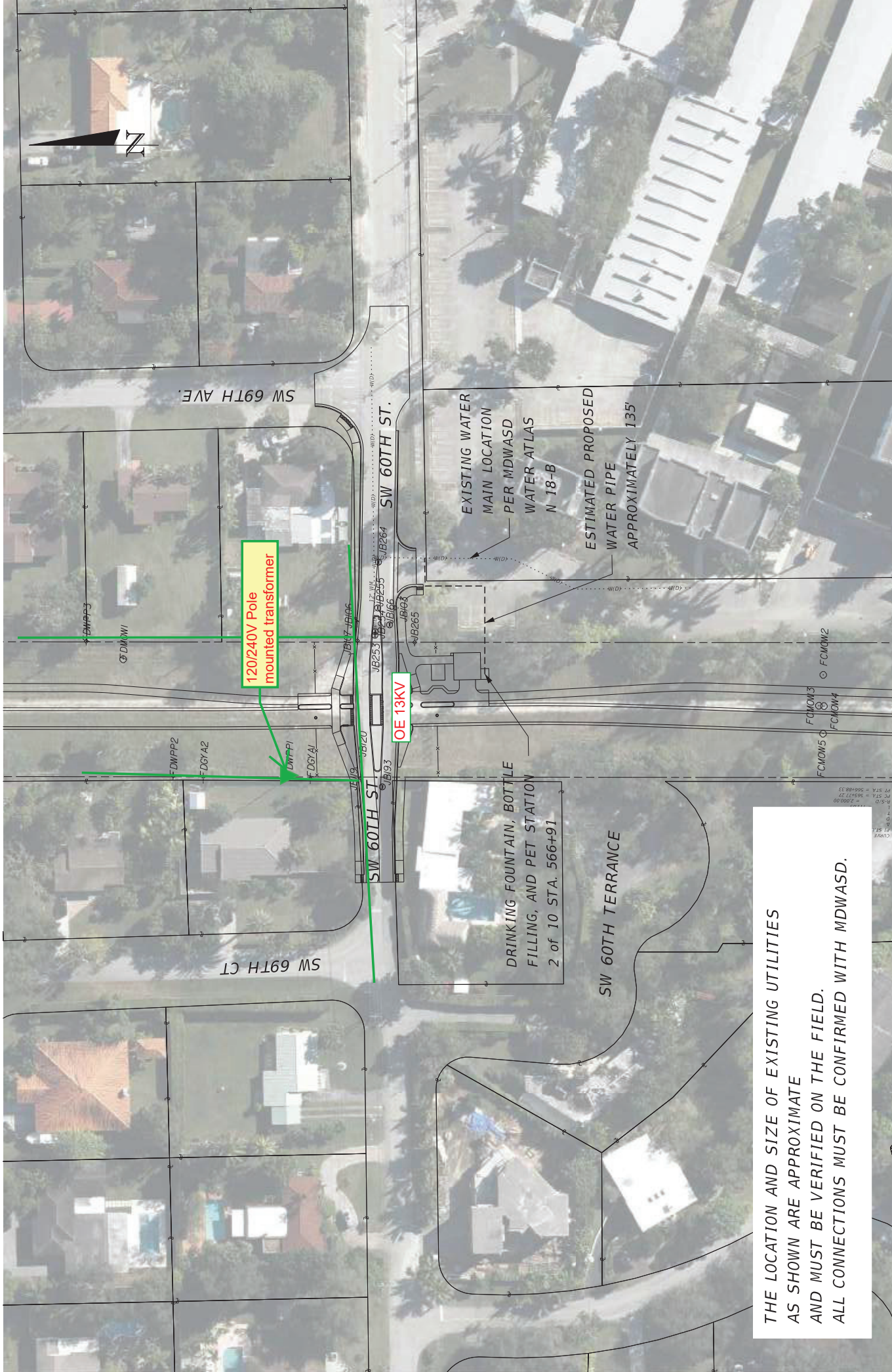
11-5-2020

Date

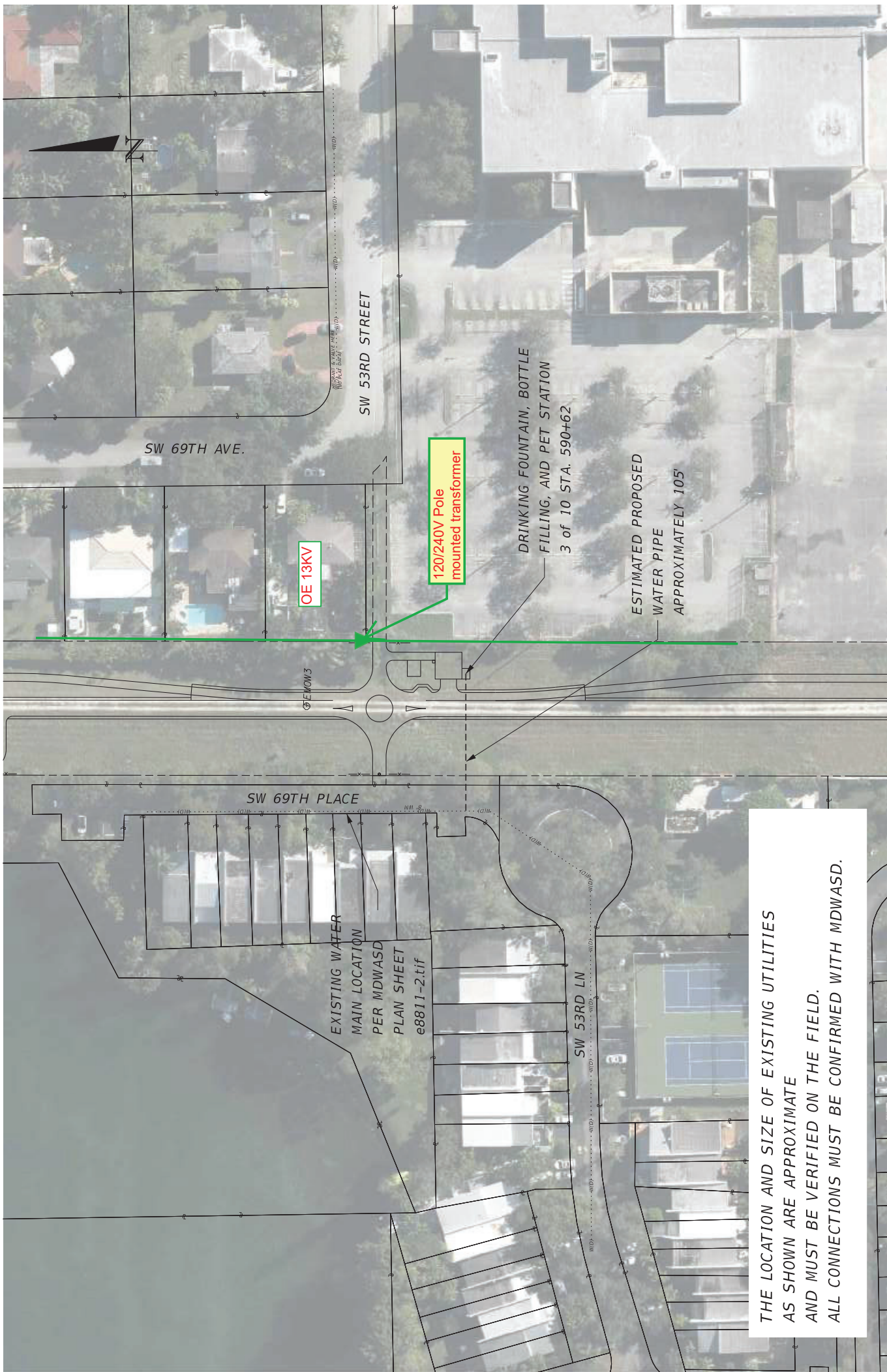
Date



THE LOCATION AND SIZE OF EXISTING UTILITIES AS SHOWN ARE APPROXIMATE AND MUST BE VERIFIED ON THE FIELD. ALL CONNECTIONS MUST BE CONFIRMED WITH MDWASD.



THE LOCATION AND SIZE OF EXISTING UTILITIES
AS SHOWN ARE APPROXIMATE
AND MUST BE VERIFIED ON THE FIELD.
ALL CONNECTIONS MUST BE CONFIRMED WITH MDWASD.



THE LOCATION AND SIZE OF EXISTING UTILITIES
AS SHOWN ARE APPROXIMATE
AND MUST BE VERIFIED ON THE FIELD.
ALL CONNECTIONS MUST BE CONFIRMED WITH MDWASD.



ESTIMATED PROPOSED
WATER PIPE
APPROXIMATELY 170'

SW 48TH STREET

EXISTING WATER
MAIN LOCATION

SW 69TH AVE

120/240V Pole
mounted transformer

Closest transformer is
on the fourth pole
south of water
fountain.

OE 13KV

DRINKING FOUNTAIN, BOTTLE
FILLING, AND PET STATION
4 of 10 STA. 608+89

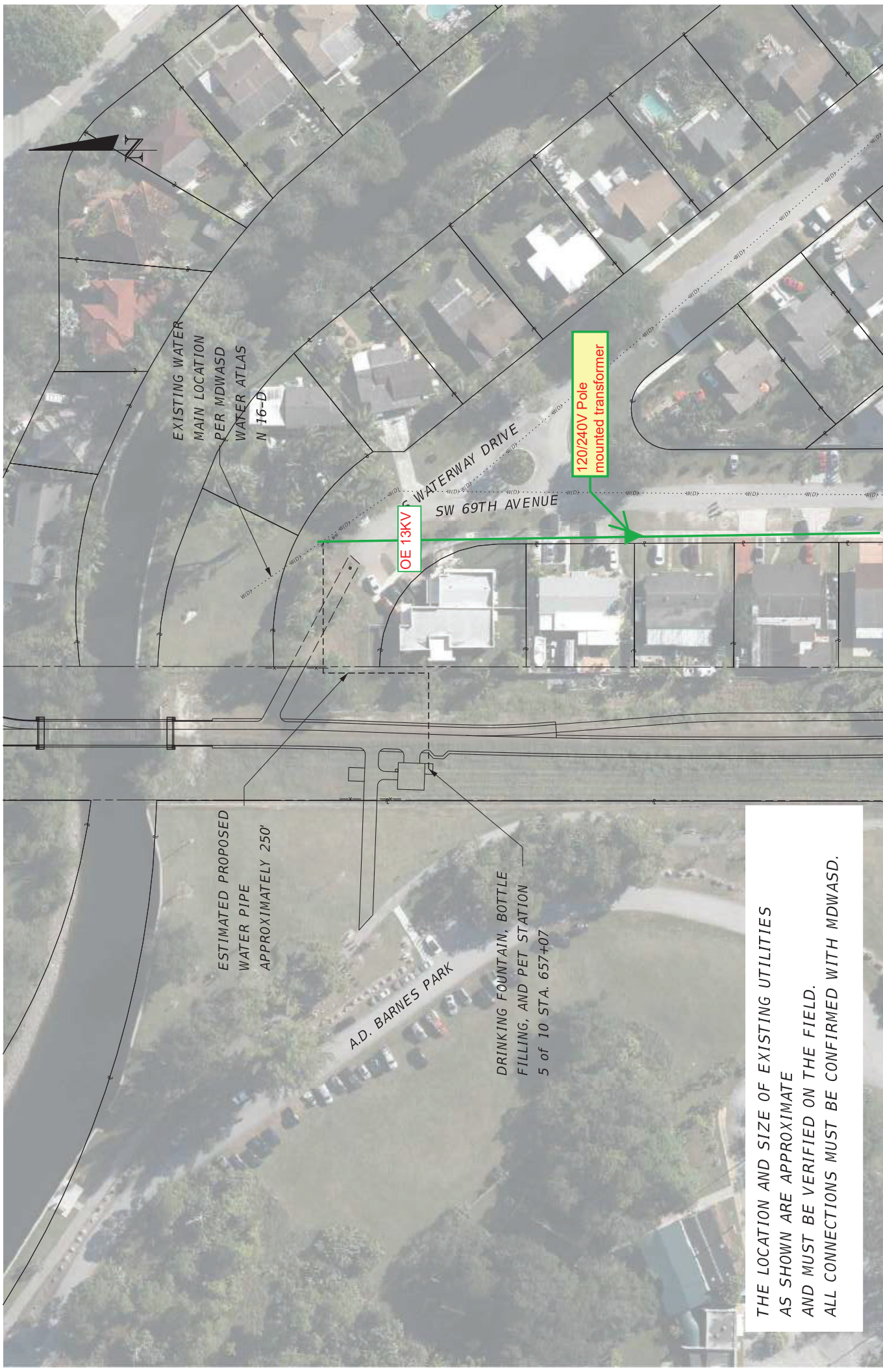
FWPPI

SW 48TH LN

EXISTING WATER
MAIN LOCATION
PLAN SHEET
e8811-4.tif

SW 69TH PLACE

THE LOCATION AND SIZE OF EXISTING UTILITIES
AS SHOWN ARE APPROXIMATE
AND MUST BE VERIFIED ON THE FIELD.
ALL CONNECTIONS MUST BE CONFIRMED WITH MDWASD.



EXISTING WATER
MAIN LOCATION
PER MDWASD
WATER ATLAS
N 16-D

OE 13KV

120/240V Pole
mounted transformer

ESTIMATED PROPOSED
WATER PIPE
APPROXIMATELY 250'

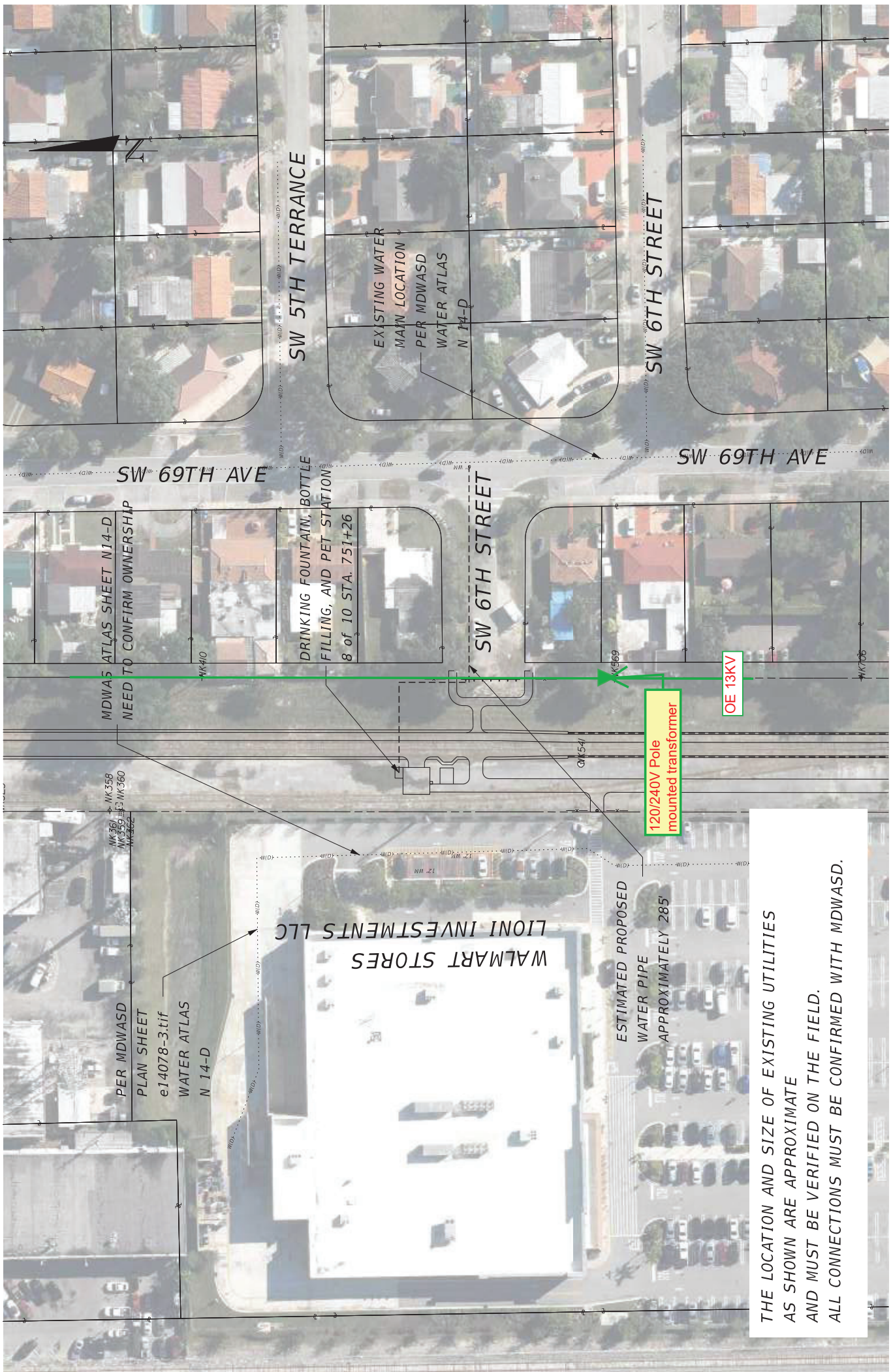
A.D. BARNES PARK

DRINKING FOUNTAIN, BOTTLE
FILLING, AND PET STATION
5 of 10 STA. 657+07

THE LOCATION AND SIZE OF EXISTING UTILITIES
AS SHOWN ARE APPROXIMATE
AND MUST BE VERIFIED ON THE FIELD.
ALL CONNECTIONS MUST BE CONFIRMED WITH MDWASD.



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THE LOCATION AND SIZE OF EXISTING UTILITIES AS SHOWN ARE APPROXIMATE AND MUST BE VERIFIED ON THE FIELD. ALL CONNECTIONS MUST BE CONFIRMED WITH MDWASD.



DRINKING FOUNTAIN, BOTTLE
FILLING, AND PET STATION
9 of 10 STA. 781+92

LAKE MAHAR

ESTIMATED PROPOSED
WATER PIPE LOCATION,
DISTANCE UNKNOWN

Nearest transformer is
3 poles south of this
location.

THE LOCATION AND SIZE OF EXISTING UTILITIES
AS SHOWN ARE APPROXIMATE
AND MUST BE VERIFIED ON THE FIELD.
ALL CONNECTIONS MUST BE CONFIRMED WITH MDWASD.

ROBERT KING HIGH PARK

THE LOCATION AND SIZE OF EXISTING UTILITIES
AS SHOWN ARE APPROXIMATE
AND MUST BE VERIFIED ON THE FIELD.
ALL CONNECTIONS MUST BE CONFIRMED WITH MDWASD.

ESTIMATED PROPOSED
WATER PIPE LOCATION,
DISTANCE UNKNOWN

DRINKING FOUNTAIN, BOTTLE
FILLING, AND PET STATION
10' of 10 STA. 795+50

Closest transformer
is the same as
previous page.

NW 7TH ST

LAKE MAHAR

ROBERT KING HIGH PARK

Appendix D – Service Point Information from:

Miami-Dade WASD

Denty, Grant

From: Chong, Patrick A. (WASD) <Patrick.Chong@miamidade.gov>
Sent: Thursday, October 15, 2020 11:55 AM
To: Denty, Grant
Cc: Charpentier, Gorky; Nogueira, Edith (WASD)
Subject: [EXTERNAL] 20201015_Miami Dade WASD Facilities
Attachments: es5688-76.tif; Trail Project Area (Flagler to NW 7th Street).pdf

Good afternoon Grant,

There is no other WASD utility between W. Flagler and NW 7 St within the Robert King High Park beyond the previously provided as-built ES 5688-76 which is attached for your reference.

Regards,

Patrick Chong, Utility Coordinator
Planning and Modeling Section
Miami-Dade Water and Sewer Department
786-552-4416
miamidade.gov

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From: Denty, Grant <grant.denty@aecom.com>
Sent: Thursday, October 15, 2020 11:03 AM
To: Nogueira, Edith (WASD) <Edith.Nogueira@miamidade.gov>; Chong, Patrick A. (WASD) <Patrick.Chong@miamidade.gov>
Cc: Charpentier, Gorky <Gorky.Charpentier@aecom.com>
Subject: RE: Ludlam Corridor - Miami Dade WASD Facilities

Project Description: Project Development and Environment (PD&E) Study
Ludlam Trail Corridor from SW 80th Street to NW 7th Street
Project Number: 403502-15-001-14470619
ETDM Number: 14369
County: Miami-Dade

Attn: Miami Dade Water and Sewer,

As part of an ongoing utility research for the Ludlam Trail Corridor Project from SW 80th Street to NW 7th Street. AECOM is requesting your assistance in determining what facilities if any are owned and operated by MDWAS along NW 7th St at the north end of our proposed project.

Based on previous utility data provided by your firm we are specifically requesting for information related to Robert High King Park (between Miami Dairy Rd to NW 65th Ave and W Flagler St to north of NW 7th Street). Existing utility record data indicates plat sheet numbers N14-B and N135-D may cover the area in question?

Please let our team know if this information is available and we appreciate your assistance in furthering the development of this project.

Regards,

Grant Denty

Utility Coordinator

M +1-407-756-5725

grant.denty@aecom.com

AECOM

110 East Broward Boulevard

Suite 700

Fort Lauderdale, FL 33301

aecom.com

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From: Turtletaub, Alissa (MDPR) <Alissa.Turtletaub@miamidade.gov>

Sent: Monday, October 22, 2018 3:49 PM

To: Chong, Patrick A. (WASD) <Patrick.Chong@miamidade.gov>

Cc: Cueto, Josenrique (WASD) <Josenrique.Cueto@miamidade.gov>; Brooks, Nicholas (WASD)

<Nicholas.Brooks@miamidade.gov>; Soper, Dawn (ISD) <Dawn.Soper@miamidade.gov>; Kuhn, Nick

<Nick.Kuhn@aecom.com>; Boucle, Julio <julio.boucle@aecom.com>; Sandoval, Ana <ana.sandoval@aecom.com>;

Heinicke, Mark (MDPR) <Mark.Heinicke@miamidade.gov>

Subject: Ludlam Corridor - Miami Dade WASD Facilities

Good afternoon,

The Miami-Dade County Parks, Recreation and Open Spaces (MDPROS) Department is in the development phase for evaluation of design alternatives and final location design approval relating to the Ludlam Trail.

To assist us in selection of the most feasible design alternative while minimizing conflicts with your facilities, your input is needed. This request is separate and distinct from the request for assignment of any existing license agreement or other agreements, forwarded recently by FECI affiliates FECI LT1, LLC and LR13-18, LLC.

Please indicate on the attached maps your principal existing and proposed facilities and return a completed marked up set via email or by mail to the following address. Along with the plans, please present any general concerns and/or comments that would be useful in MDPROS' evaluation process.

AECOM Technical Services, Inc.

Attn: Ana Sandoval, PE

7650 Corporate Center Drive, Suite 200

Miami, Florida 33126

If your facilities are located on compensable property interests within the limits of this project, you may be eligible to have your relocation costs reimbursed by MDPROS. If you have any of the above interests, please mark the approximate boundaries of them on the enclosed set of plans and return to the address above, together with documentation of your interests and a preliminary cost estimate.

Include in your transmittal, on utility agency/owner letterhead, a statement as to whether or not you will claim reimbursement and on what basis your claim is supported. Note that the information provided at this time will be used only for evaluation of design alternatives and does not constitute a claim.

Please note that failure to respond to this request will result in plans development without identification of your facilities. In order to maintain project schedules, please return the marked-up plans with your transmittal to the address above by November 30, 2018.

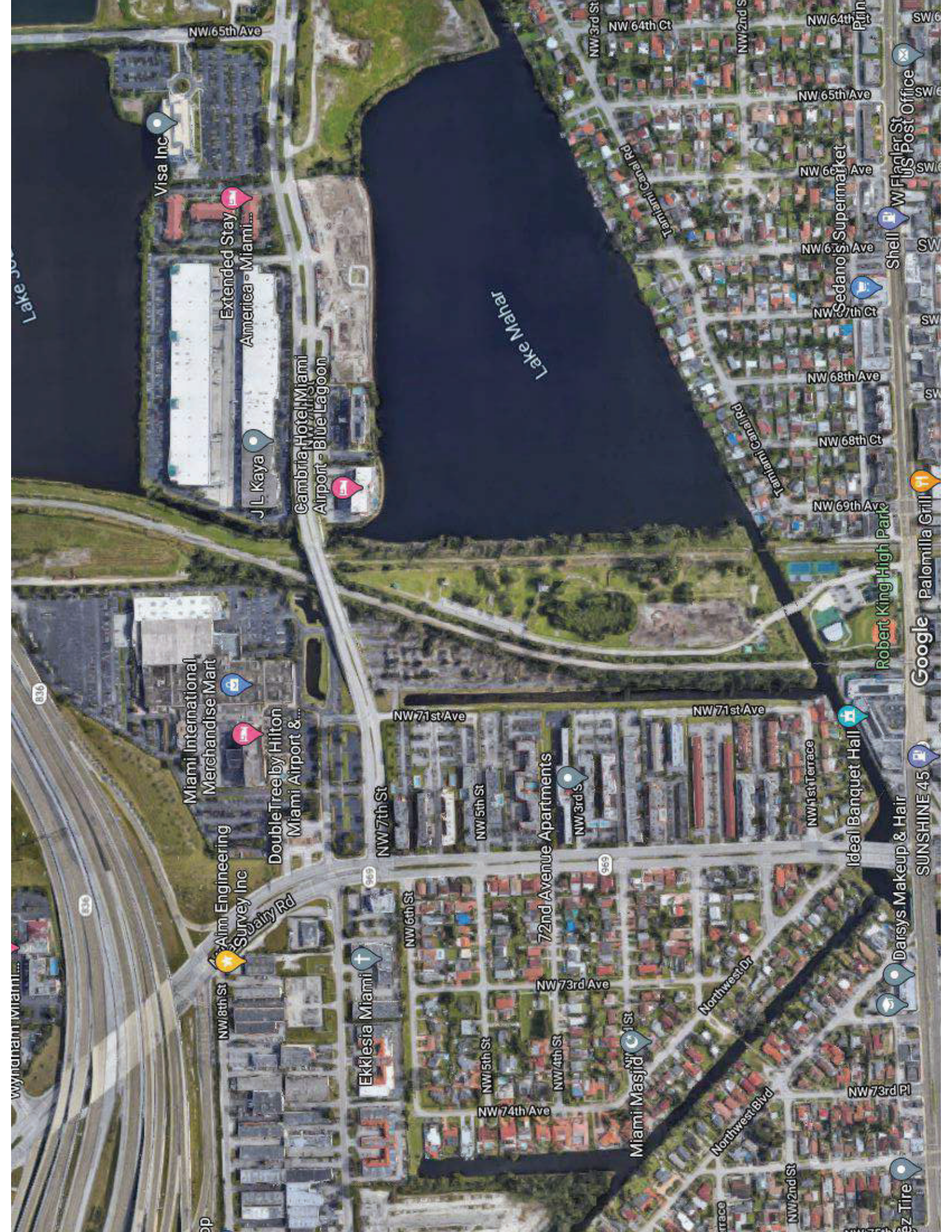
Should additional information be required, please contact me at 305-755-7952. Your cooperation in this matter is appreciated.

Sincerely,

Alissa Turtleaub, M.S.

Senior Planner, Planning and Design Excellence
Miami Dade County Parks, Recreation and Open Spaces
275 NW 2nd Street, 4th Floor, Miami, Florida 33128
305-755-7952 Phone ~ 305-755-7864 Fax
alissa@miamidade.gov

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"Delivering Excellence Every Day"



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Visa Inc.

Extended Stay
America - Miami...

J.L. Kaya

Cambria Hotel Miami
Airport - Blue Lagoon

Lake Mahah

NW 3rd St

NW 64th Ct

NW 2nd St

NW 64th Pl

NW 65th Ave

NW 66th Ave

NW 67th Ave

NW 67th Ct

NW 68th Ave

NW 68th Ct

NW 69th Ave

W Flagler St
Post Office

Shell

Sedano's Supermarket

Tamiami Canal Rd

Robert King High Park

Google Palomilla Grill

Miami International
Merchandise Mart

DoubleTree by Hilton
Miami Airport &...

Alm Engineering
Survey Inc

NW 7th St

NW 71st Ave

NW 5th St

72nd Avenue Apartments

NW 3rd St

NW 71st Ave

NW 1st Terrace

Ideal Banquet Hall

SUNSHINE 45

Darsys Makeup & Hair

Ekklesia Miami

NW 6th St

NW 73rd Ave

NW 5th St

NW 4th St

Miami Masjid

Northwest Dr

Northwest Blvd

NW 73rd Pl

NW 2nd St

ez Tire

Appendix D – Service Point Information from:

City of Miami, Parks & Recreation
Department

Denty, Grant

From: Bayona, Omar <obayona@miamigov.com>
Sent: Tuesday, October 20, 2020 12:41 PM
To: Denty, Grant
Cc: Montiel, Maura; Almaraz, Jose
Subject: [EXTERNAL] RE: RE: Ludlam Trail Corridor from SW 80th Street to NW 7th Street (Robert King High Park)

Good day

Unfortunately we do not have information on any as-built documentation. I did find out that there is a water source located on the east side of the bridge when you cross. That could be the main water supply entering the north side.

Omar J. Bayona
Recreation Coordinator
Parks and Recreation
5135 N.W 7.th Street | Miami, Fl. 33126
Phone: (305) 960-2927 /(786) 503-9867 | Email: Obayona@miamigov.com



From: Denty, Grant [mailto:grant.denty@aecom.com]
Sent: Tuesday, October 20, 2020 10:04 AM
To: Bayona, Omar <obayona@miamigov.com>
Cc: Montiel, Maura <mmontiel@miamigov.com>; Almaraz, Jose <jose.almaraz@aecom.com>
Subject: RE: RE: Ludlam Trail Corridor from SW 80th Street to NW 7th Street (Robert King High Park)

CAUTION: This is an email from an external source. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Omar,

I am following up on our contact from last week regarding water main facilities on Robert King High Park in proximity to the proposed Ludlum Trail. Please let our team know if you are able to provide any as-built information for the park in question.

Regards,

Grant Denty
Utility Coordinator
M +1-407-756-5725
grant.denty@aecom.com

AECOM
110 East Broward Boulevard
Suite 700
Fort Lauderdale, FL 33301

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From: Rilo, Jose <JRilo@miamigov.com>
Sent: Thursday, October 15, 2020 3:18 PM
To: Denty, Grant <grant.denty@aecom.com>
Cc: Bayona, Omar <obayona@miamigov.com>; Montiel, Maura <mmontiel@miamigov.com>
Subject: [EXTERNAL] RE: Ludlam Trail Corridor from SW 80th Street to NW 7th Street (Robert King High Park)

Good Afternoon Omar

Please see below



Jose Rilo
Park Operations Coordinator-South District
City of Miami, Parks & Recreation Department
1950 NW 12 Avenue Miami, FL 33136
Phone: (305) 960-3010
Email: jrilo@miamigov.com
Website: www.miamigov.com/parks



To nominate a Parks Employee for Employee of the Month, please click [here!](#)



Follow us social media:

CAPRA Accredited by the National Recreation and Park Association

From: Denty, Grant <grant.denty@aecom.com>
Sent: Thursday, October 15, 2020 3:06 PM
To: Rilo, Jose <JRilo@miamigov.com>
Subject: Ludlam Trail Corridor from SW 80th Street to NW 7th Street (Robert King High Park)

CAUTION: This is an email from an external source. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Project Description: Project Development and Environment (PD&E) Study
Ludlam Trail Corridor from SW 80th Street to NW 7th Street

Project Number: 403502-15-001-14470619
ETDM Number: 14369
County: Miami-Dade

City of Miami (Mr. Jose Rilo)

The Miami-Dade County Parks, Recreation and Open Spaces (MDPROS) Department is in the development phase for evaluation of design alternatives and final location design approval relating to the above project. A Utility Assessment Report is being prepared as part of the PD&E study. Information from your agency is necessary for inclusion in this report.

The purpose of the Utility Assessment Report is to:

1. Identify utility agencies/owners within the study area.
2. Identify and describe the approximate location, type/size/material of all utility facilities within the study area.

To assist us in the selection of design alternatives we are requesting information regarding the City of Miami owned and operated facilities (water & sewer) within the boundaries of the Robert King High Park which is in proximity to our proposed project.

As noted in the attached overview(s) the proposed trail will end adjacent to the Park within the limits of W Flagler and NW 7th Street along the FEC rail R/W.

Please let me know if this information would be available to include in our design plans for the proposed Ludlam Trail.

Regards,

Grant Denty

Utility Coordinator
M +1-407-756-5725
grant.denty@aecom.com

AECOM

110 East Broward Boulevard
Suite 700
Fort Lauderdale, FL 33301
aecom.com

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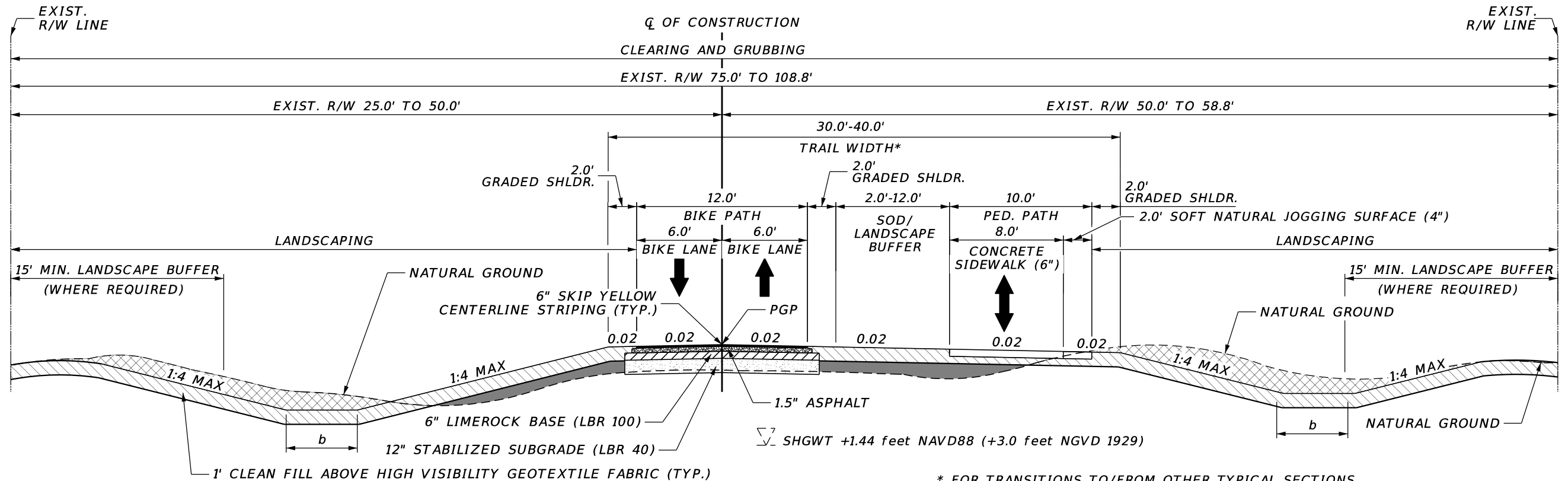
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Appendix E

Preferred Alternative Typical Sections

LUDLAM TRAIL
BICYCLE AND PEDESTRIAN PATH
(BUFFERED SEPARATION)



TYPICAL SECTION 1

TRAIL DESIGN SPEED	
18 MPH	FOR LONGITUDINAL GRADES \leq 4%
30 MPH	FOR DOWNHILL LONGITUDINAL GRADES $>$ 4%

EARTHWORK LEGEND	
	CUT
	RELOCATED FILL
	CLEAN FILL

DRAINAGE LEGEND
b: Swale Bottom Width
Swale depth and width is to be determined in design.

NOTES:

1. ESTIMATED SEASONAL HIGH GROUNDWATER TABLE (SHGWT) EACH YEAR IS IN THE AUGUST-SEPTEMBER PERIOD AT THE END OF THE WET SEASON DURING A YEAR OF AVERAGE (NORMAL) RAINFALL.
(PER PRELIMINARY REPORT OF SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATIONS, OCTOBER 2018, PREPARED BY: GEOSOL, INC.)
2. SHGWT BASED ON NORTH AMERICAN VERTICAL DATUM (NAVD) 1988.
3. PGP: PROFILE GRADE POINT
4. APPLICABLE DRAINAGE IS TO BE EVALUATED/DETERMINED DURING DESIGN.
5. APPLICABLE LIGHTING INCLUDING LOW-LEVEL BOLLARD LIGHTING IS TO BE EVALUATED/DETERMINED DURING DESIGN.
6. ANY EXISTING CHAIN LINK FENCE, ASPHALT PADS OR OTHER ITEMS/ENCROACHMENTS WITHIN THE TRAIL RIGHT OF WILL BE REMOVED AT THE TIME OF CLEARING AND GRUBBING

REVISIONS	
DATE	DESCRIPTION
	DRAFT

AECOM
110 EAST BROWARD BOULEVARD, SUITE 700
FORT LAUDERDALE, FL 33301



LUDLAM TRAIL CORRIDOR PD&E STUDY

Miami-Dade County
Parks, Recreation, and
Open Spaces
(MDPROS)

Hickman Building
275 NW 2nd Street
Miami, FL 33128
305-755-7800

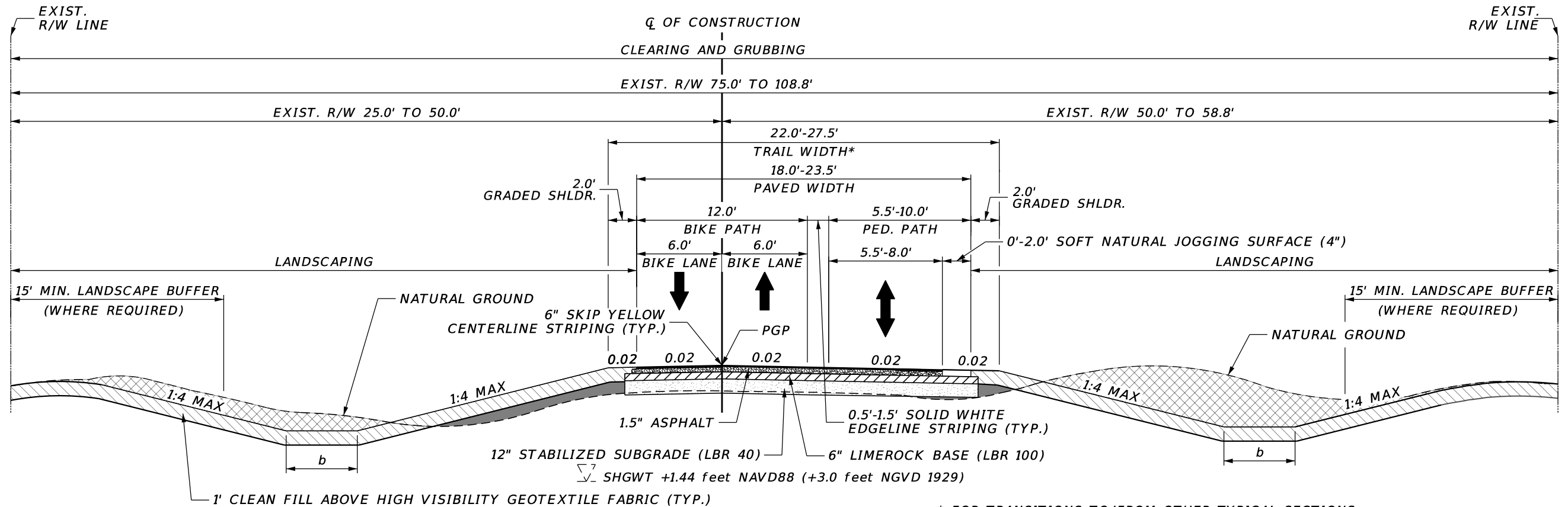
P&R CONTRACT NO.
RFQ 786B
P&R PROJECT NO.
43502-15-001-14470619

LUDLAM TRAIL
TYPICAL SECTIONS

SHEET
NO.

2

LUDLAM TRAIL
BICYCLE AND PEDESTRIAN PATH
(NO SEPARATION)



TYPICAL SECTION 2

* FOR TRANSITIONS TO/FROM OTHER TYPICAL SECTIONS,
SEE TYPICAL SECTION DETAILS (SHEET 7)

TRAIL DESIGN SPEED	
18 MPH	FOR LONGITUDINAL GRADES \leq 4%
30 MPH	FOR DOWNHILL LONGITUDINAL GRADES $>$ 4%

EARTHWORK LEGEND	
	CUT
	RELOCATED FILL
	CLEAN FILL

DRAINAGE LEGEND
b: Swale Bottom Width
Swale depth and width is to be determined in design.

NOTES:

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6. ANY EXISTING CHAIN LINK FENCE, ASPHALT PADS OR OTHER ITEMS/ENCROACHMENTS WITHIN THE TRAIL RIGHT OF WILL BE REMOVED AT THE TIME OF CLEARING AND GRUBBING

REVISIONS	
DATE	DESCRIPTION
	DRAFT

AECOM
110 EAST BROWARD BOULEVARD, SUITE 700
FORT LAUDERDALE, FL 33301

MIAMI-DADE COUNTY

LUDLAM TRAIL CORRIDOR PD&E STUDY

Miami-Dade County
Parks, Recreation, and
Open Spaces
(MDPROS)

Hickman Building
275 NW 2nd Street
Miami, FL 33128
305-755-7800

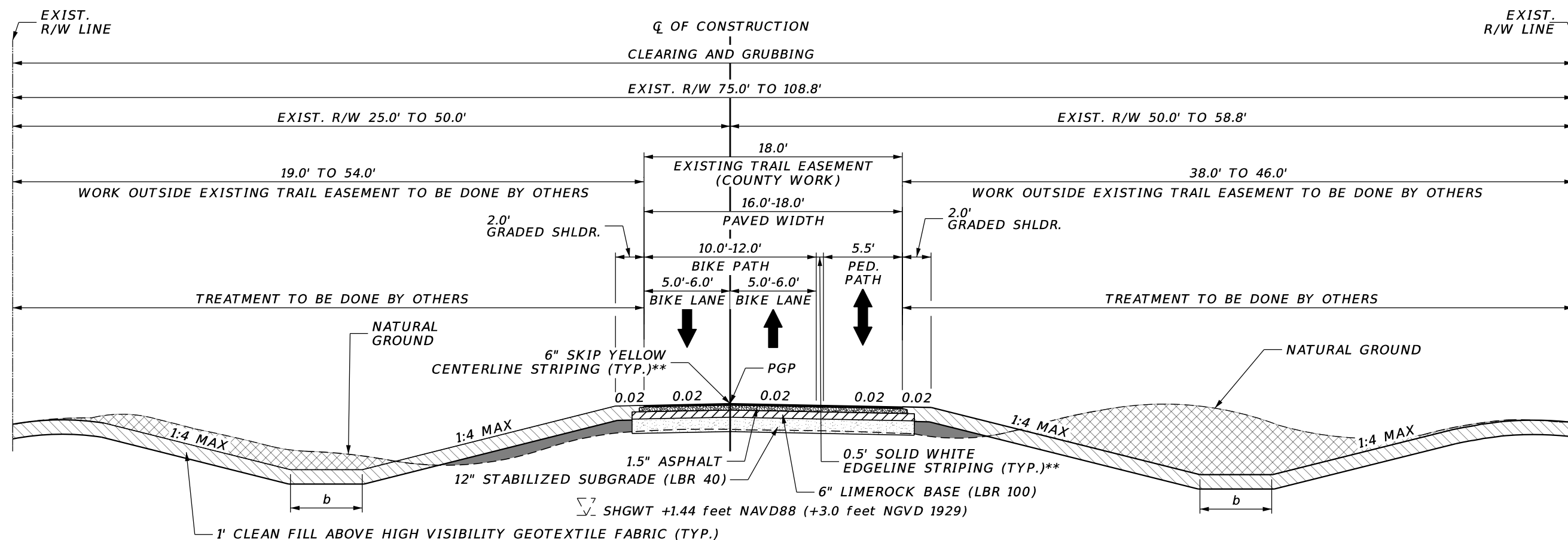
P&R CONTRACT NO.
RFQ 786B
P&R PROJECT NO.
43502-15-001-14470619

LUDLAM TRAIL
TYPICAL SECTIONS

SHEET
NO.

3

**LUDLAM TRAIL
BICYCLE AND PEDESTRIAN PATH
(DEVELOPMENT ZONES)**






TYPICAL SECTION 3

**** FOR PAVEMENT MARKING LOCATION DETAIL, SEE TYPICAL SECTION DETAILS (SHEET 7)**

TRAIL DESIGN SPEED	
18 MPH	FOR LONGITUDINAL GRADES $\leq 4\%$
30 MPH	FOR DOWNHILL LONGITUDINAL GRADES $> 4\%$



EARTHWORK LEGEND

	<i>CUT</i>
	<i>RELOCATED FILL</i>
	<i>CLEAN FILL</i>

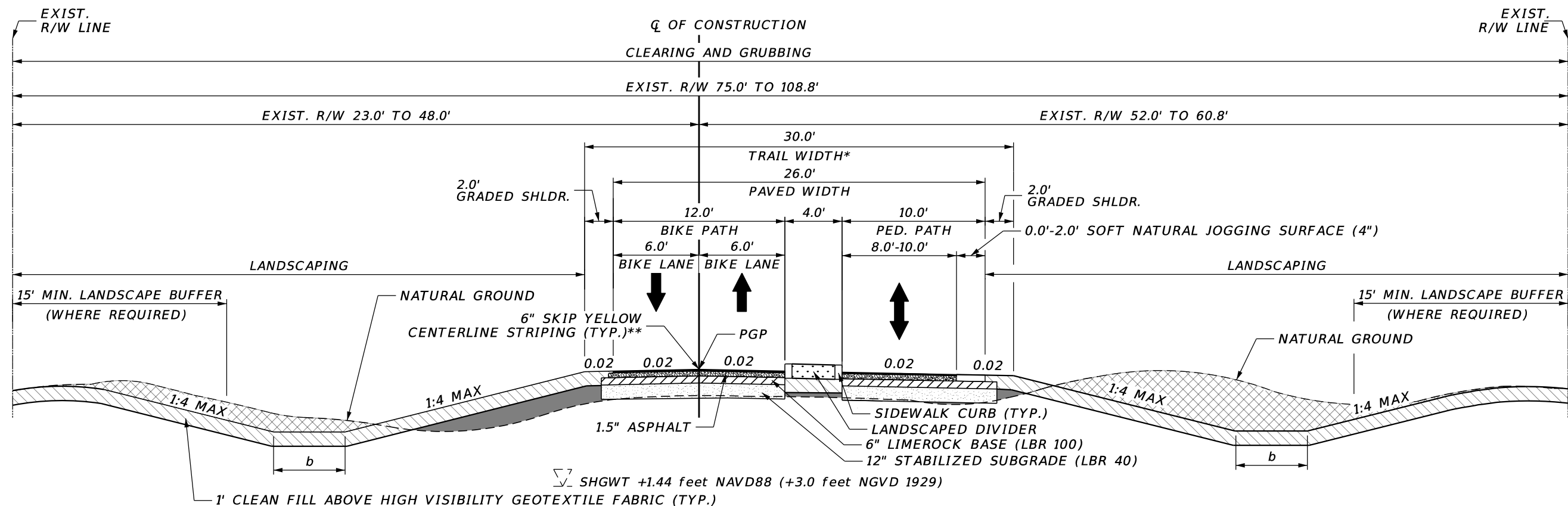
DRAINAGE LEGEND	
<i>b</i> :	Swale Bottom Width
	Swale depth and width is to be determined in design.

NOTES:

1. ESTIMATED SEASONAL HIGH GROUNDWATER TABLE (SHGWT) EACH YEAR IS IN THE AUGUST-SEPTEMBER PERIOD AT THE END OF THE WET SEASON DURING A YEAR OF AVERAGE (NORMAL) RAINFALL.
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6. ANY EXISTING CHAIN LINK FENCE, ASPHALT PADS OR OTHER ITEMS/ENCROACHMENTS WITHIN THE TRAIL RIGHT OF WAY MUST BE REMOVED BY OTHERS, TO COINCIDE WITH THE TIME OF CLEARING AND GRUBBING FOR THIS PROJECT

REVISIONS		 110 EAST BROWARD BOULEVARD, SUITE 700 FORT LAUDERDALE, FL 33301		LUDLAM TRAIL CORRIDOR PD&E STUDY			LUDLAM TRAIL TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION			Miami-Dade County Parks, Recreation, and Open Spaces (MDPROS)	Hickman Building 275 NW 2nd Street Miami, FL 33128 305-755-7800	P&R CONTRACT NO. RFQ 786B P&R PROJECT NO. 43502-15-001-14470619		4
	<div>DRAFT</div>							

LUDLAM TRAIL BICYCLE AND PEDESTRIAN PATH (WITH CURBED LANDSCAPED DIVIDER)



TYPICAL SECTION 4

* FOR TRANSITIONS TO/FROM OTHER TYPICAL SECTIONS,
SEE TYPICAL SECTION DETAILS (SHEET 7)

** FOR PAVEMENT MARKING LOCATION DETAIL, SEE TYPICAL SECTION DETAILS (SHEET 7)

TRAIL DESIGN SPEED

18 MPH	FOR LONGITUDINAL GRADES \leq 4%
30 MPH	FOR DOWNHILL LONGITUDINAL GRADES $>$ 4%

EARTHWORK LEGEND

	CUT
	RELOCATED FILL
	CLEAN FILL

DRAINAGE LEGEND

b: Swale Bottom Width
Swale depth and width is
to be determined in design.

NOTES:

1. ESTIMATED SEASONAL HIGH GROUNDWATER TABLE (SHGWT) EACH YEAR IS IN THE AUGUST-SEPTEMBER PERIOD AT THE END OF THE WET SEASON DURING A YEAR OF AVERAGE (NORMAL) RAINFALL.

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6. ANY EXISTING CHAIN LINK FENCE, ASPHALT PADS OR OTHER ITEMS/ENCROACHMENTS WITHIN THE TRAIL RIGHT OF WILL BE REMOVED AT THE TIME OF CLEARING AND GRUBBING

REVISIONS

DATE	DESCRIPTION
------	-------------

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FORT LAUDERDALE, FL 33301

**MIAMI-DADE
COUNTY**

LUDLAM TRAIL CORRIDOR PD&E STUDY

Miami-Dade County
Parks, Recreation, and
Open Spaces
(MDPROS)

Hickman Building
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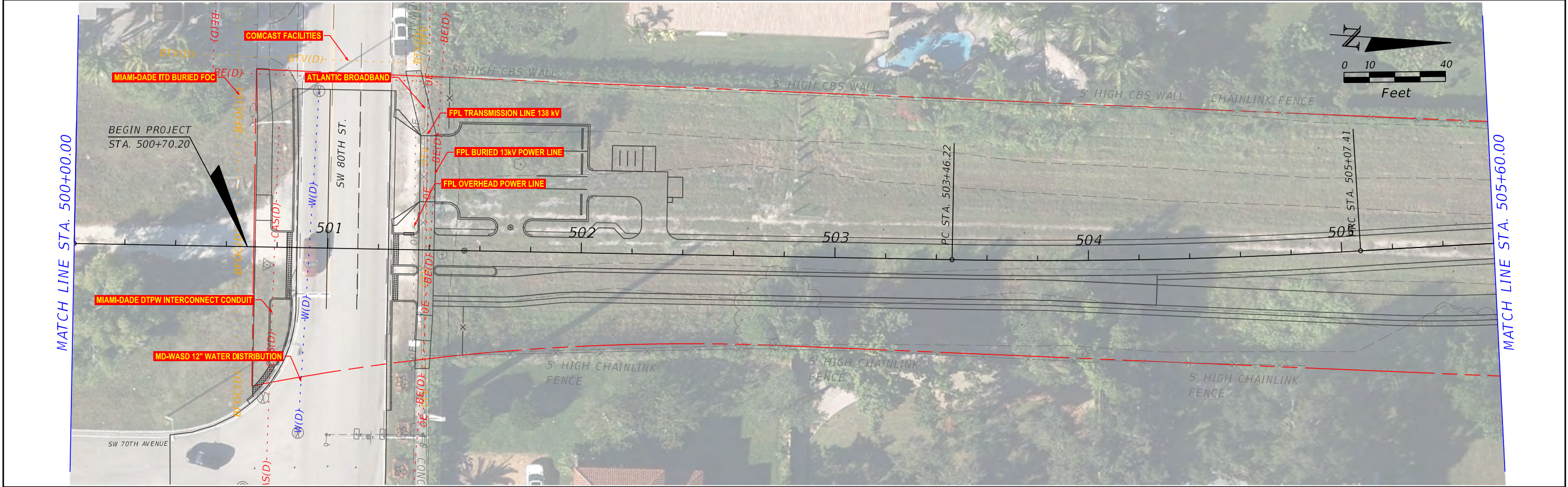
**LUDLAM TRAIL
TYPICAL SECTIONS**

SHEET
NO.

5

Appendix F

Preferred Alternative Conceptual Plan and Existing Utilities



REVISIONS		<div><div><div>AECOM</div><div>110 EAST BROWARD BOULEVARD, SUITE 700 FORT LAUDERDALE, FL 33301</div></div><div><div>MIAMI-DADE</div><div>COUNTY</div></div></div>	LUDLAM TRAIL CORRIDOR PD&E STUDY			EXISTING UTILITIES	SHEET NO.
DATE	DESCRIPTION		Miami-Dade County Parks, Recreation, and Open Spaces (MDPROS)	Hickman Building 275 NW 2nd Street Miami, FL 33128 305-755-7800	P&R CONTRACT NO. RFQ 786B P&R PROJECT NO. 43502-15-001-14470619		
	DRAFT						

DRAFT



REVISIONS		AECOM			MIAMI-DADE COUNTY			LUDLAM TRAIL CORRIDOR PD&E STUDY			EXISTING UTILITIES		SHEET NO.
DATE	DESCRIPTION												
		110 EAST BROWARD BOULEVARD, SUITE 700 FORT LAUDERDALE, FL 33301			Miami-Dade County Parks, Recreation, and Open Spaces (MDPROS)			Hickman Building 275 NW 2nd Street Miami, FL 33128 305-755-7800			P&R CONTRACT NO. RFQ 786B P&R PROJECT NO. 43502-15-001-14470619		
		DRAFT											



REVISIONS		AECOM			LUDLAM TRAIL CORRIDOR PD&E STUDY			SHEET NO.
DATE	DESCRIPTION							
	<div>DRAFT</div>	110 EAST BROWARD BOULEVARD, SUITE 700 FORT LAUDERDALE, FL 33301			Miami-Dade County Parks, Recreation, and Open Spaces (MDPROS)			EXISTING UTILITIES
		MIAMI-DADE COUNTY			Hickman Building 275 NW 2nd Street Miami, FL 33128 305-755-7800			
					P&R CONTRACT NO. RFQ 786B P&R PROJECT NO. 43502-15-001-14470619			